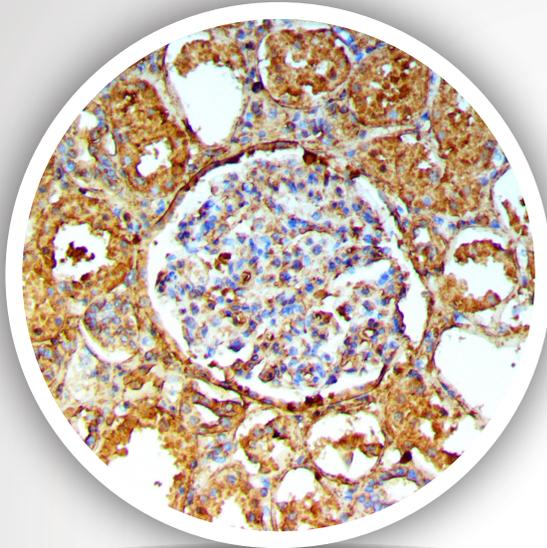


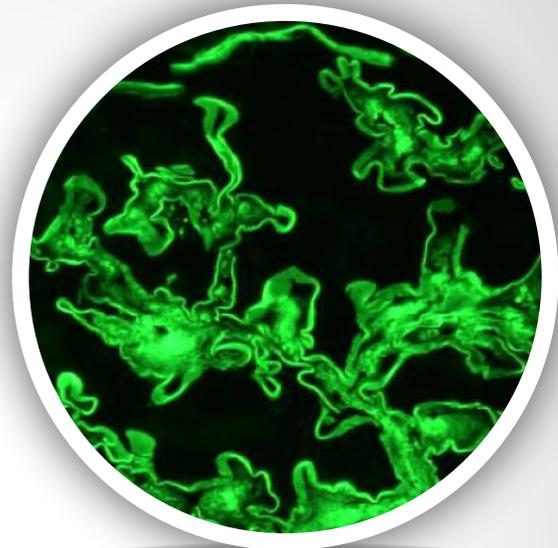
DIRECT AND INDIRECT IMMUNOFLUORESCENCE

BIO^{●●}SB

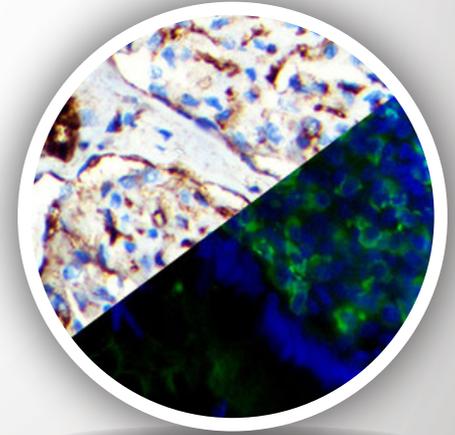
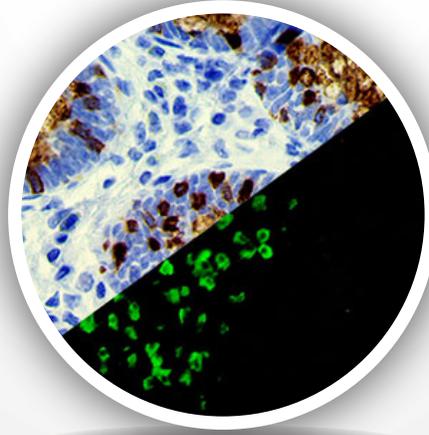
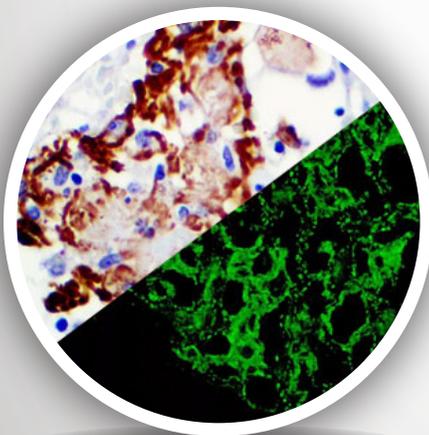
Quality Antibodies | Sensitive Detection | IF and IHC Applications



IHC of Albumin on a FFPE Lupus Erythematosus



IF of Albumin on a Frozen Kidney Tissue



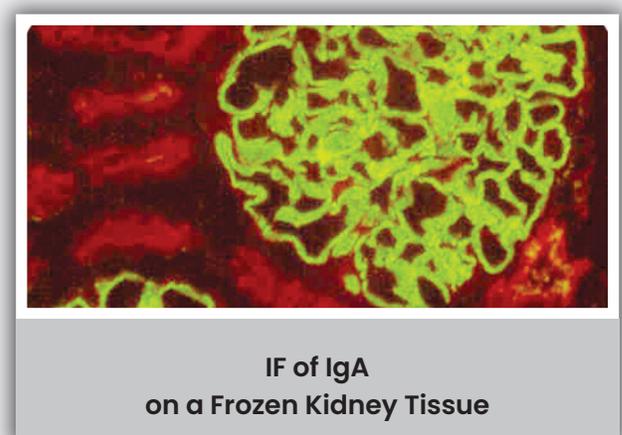
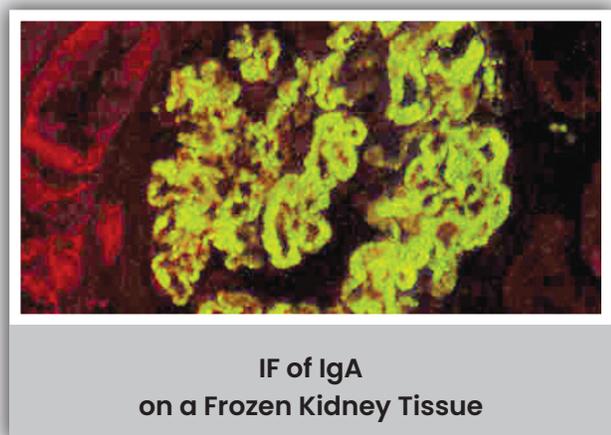
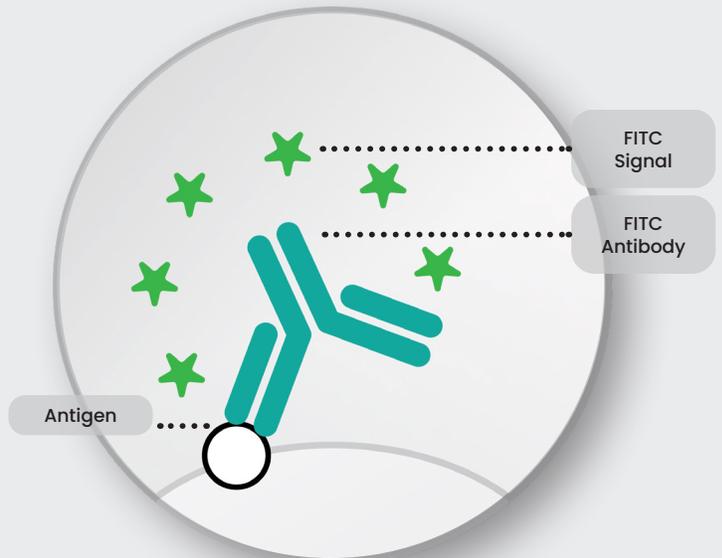
A selection of antibodies, detection systems for IF and IHC
Autoimmune disease applications.

Direct immunofluorescence uses a single, primary antibody, chemically linked to a fluorophore or fluorochrome. The primary antibody recognizes the target molecule (antigen) and binds to a specific region called the epitope. The attached fluorophore can be detected via fluorescent microscopy. Bio SB's Direct immunofluorescence, has notable advantages: the direct detection of the antigen by a primary antibody directly labeled with a fluorochrome reduces the number of steps in the procedure, making it a very easy and efficient protocol. Direct IF one-step detection also reduces non-specific background signal.

All Direct Immunofluorescence Antibodies are available in concentrate and convenient Tinto Predilute formats to meet your laboratory needs.

Tinto Prediluted Antibodies	3 mL Tinto Predilute (30 tests) 7 mL Tinto Predilute (70 tests) 15 mL Tinto Predilute (150 tests)	Concentrated Antibodies	0.5 mL Concentrate 1 mL Concentrate
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Direct Immunofluorescence Antibodies	
Albumin / FITC, RPab	Polyclonal
C1q / FITC, RPab	Polyclonal
C3c / FITC, RPab	Polyclonal
C4c / FITC, RPab	Polyclonal
Fibrinogen / FITC, RPab	Polyclonal
IgA / FITC, RPab	Polyclonal
IgD / FITC, RPab	Polyclonal
IgE / FITC, RPab	Polyclonal
IgG / FITC, RPab	Polyclonal
IgM / FITC, RPab	Polyclonal
Kappa / FITC, RPab	Polyclonal
Lambda / FITC, RPab	Polyclonal



Antibodies For InDirect Immunofluorescence **BIO^{•••}SB**

Bio SB's high affinity, high sensitivity antibodies work with both our AmpliDetector Plus InDirect FITC detection system or our PolyDetector micropolymer IHC detection systems. This allows for greater flexibility without sacrificing price or staining quality.

All InDirect Immunofluorescence Antibodies are available in concentrate and convenient Tinto Predilute fomats to meet your laboratory needs.

Tinto Prediluted Antibodies

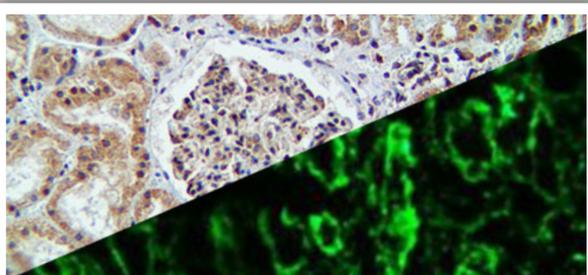
3 mL Tinto Predilute (30 tests)
7 mL Tinto Predilute (70 tests)
15 mL Tinto Predilute (150 tests)

Concentrated Antibodies

0.1 mL Concentrate
0.5 mL Concentrate
1 mL Concentrate

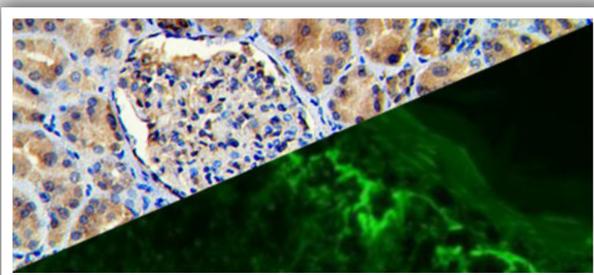
InDirect Immunofluorescence Antibodies	
Albumin, RPab	Polyclonal
Amyloid A, RMab	EP335
C1q, RPab	Polyclonal
C3c, RPab	Polyclonal
C3d, RPab	Polyclonal
C4c, RPab	Polyclonal
C4d, RMab	EP272
Collagen IV, RMab	RBT-COL4
Collagen IV, MMab	CIV22
Cytomegalovirus, MMab	8B1.2, 1G5.2 & 2D4.2
Fibrinogen, RPab	Polyclonal
IgA, MMab	BSB-39
IgA, RPab	Polyclonal
IgD, RMab	EPI73
IgD, RPab	Polyclonal
IgE, RPab	Polyclonal

InDirect Immunofluorescence Antibodies	
IgG, MMab	BSB-40
IgG, RPab	Polyclonal
IgG4, MMab	BSB-96
IgG4, RMab	EPI38
IgM, RPab	Polyclonal
IgM, MMab	BSB-41
Kappa, RPab	Polyclonal
Kappa, MMab	BSB-58
Lambda, MMab	BSB-16
Lambda, RPab	Polyclonal
p40, RMab	ZR8
p63, MMab	4A4
p63, RMab	EPI74
PLA2R1, MMab	BSB-129
SV40, MMab	pab101



C1q

IHC on a FFPE Lupus Erythmatosus Tissue
IF on a Frozen Lupus Erythmatosus Tissue



Fibrinogen

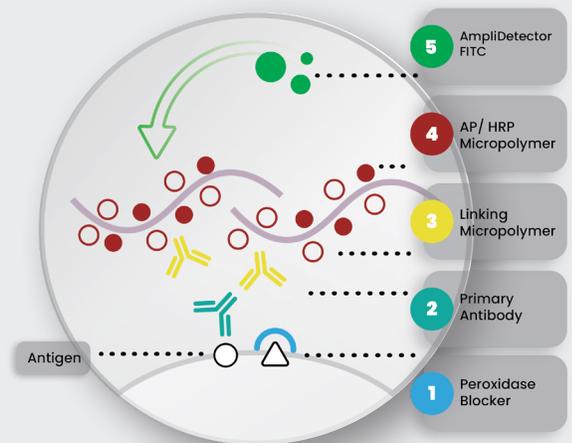
IHC on a FFPE Kidney Tissue
IF on a Frozen Lichen Planus Tissue

Bio SB's highly sensitive Immunofluorescence detection systems are intended for the detection of IVD antibodies related to autoimmune conditions. Our innovative IF detection systems and high affinity antibodies have opened the doors for a faster and more accurate immunofluorescence procedure, applicable to autoimmune Disease like Nephropathies and Lupus.

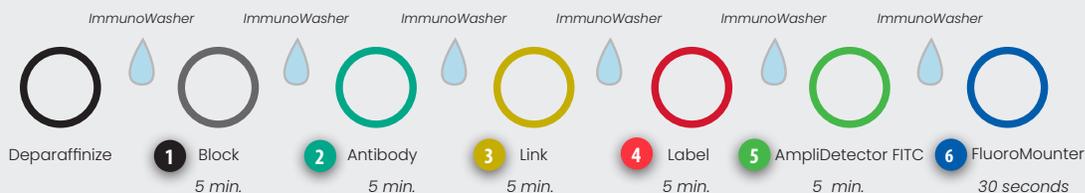
These detection systems are intended for use in Immunofluorescence (IF) applications on formalin-fixed paraffin-embedded tissues (FFPE), frozen tissue sections, and cell preparations.

InDirect IF Overview using the AmpliDetector Plus FITC

- Non-Biotin, Fab Micropolymer HRP Amplification detection technology allows for better cell penetration to deliver a highly sensitive signal.
- Ready-to-use high sensitivity system especially designed for InDirect IF detection on formalin-fixed paraffin-embedded or frozen tissue sections and cell preparations
- Universal: detects mouse or rabbit monoclonal and polyclonal antibodies.
- For in vitro diagnostic use. All kits manufactured according to US FDA and ISO 13485 guidelines.



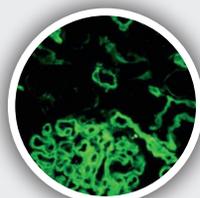
Recommended Protocol



Presentations & Volumes

Mouse/Rabbit AmpliDetector Plus FITC

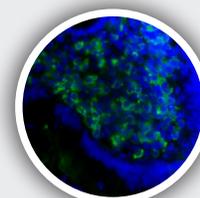
Volume	Catalog #
15 mL	BSB-0359-15
50 mL	BSB-0359-50
100 mL	BSB-0359-100



C4d IF on a Frozen Spleen Tissue

Mouse/Rabbit AmpliDetector Plus FITC with FluoroMounter

Volume	Catalog #
15 mL	BSB-0357-15
50 mL	BSB-0357-50
100 mL	BSB-0357-100



Kappa IF on a Frozen Colon Tissue

Mouse/Rabbit AmpliDetector Plus FITC with FluoroMounter with DAPI

Volume	Catalog #
15 mL	BSB-0358-15
50 mL	BSB-0358-50
100 mL	BSB-0358-100

Bio SB Inc.

5385 Hollister Ave., Building 8, #108, Santa Barbara, CA 93111, USA
 Tel (USA): 1-800-561-1145 | Tel (Int): +1-805-692-2768 | Fax: 805-6922769
 E-mail: sales@biosb.com | Website: www.biosb.com