

# MMR IHC Panel

A Selection of Products for the IHC Diagnosis of Colorectal Cancer



**MLH1, MMAB**

CLONE: G168-728

**MSH2, MMAB & RMAB**

MMAB CLONE: G219-1129 | RMAB CLONE: RBT-MSH2

**MSH6, MMAB & RMAB**

MMAB CLONE: 44 | RMAB CLONE: EP49

**PMS2, MMAB & RMAB**

MMAB CLONE: BSB-130 | RMAB CLONE: EP51

**BRAF V600E, RMAB**

CLONE: RM8

**4-Core MMR**

**Cell Line Microarray**

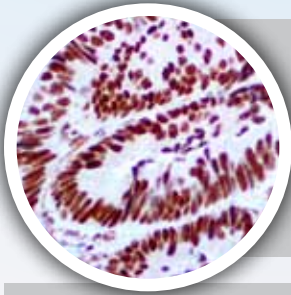
**BRAF V600E**

**Cell Line Microarray**

**MLH1, MSH2, MSH6, PMS2, BRAF V600E & MMR CLMA**

Available in Concentrate or Convenient Tinto Predilute Format

IVD Validated , Ready to Automate on Your Platform

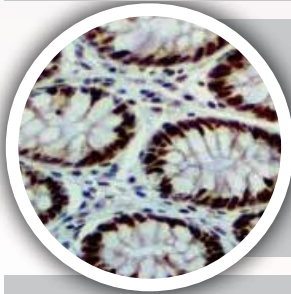
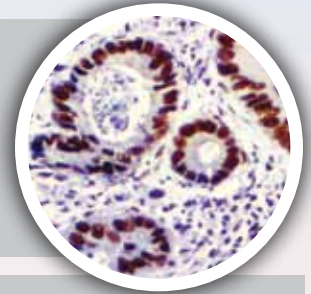


### **MLH1, MAb (G168-728)**

This protein deficiency is linked to the autosomal dominant condition of Hereditary Non-Polyposis Colon Cancer. The anti-MLH1 antibody is useful in screening patients and families for this condition. Colon cancers that are microsatellite-unstable have a better prognosis than their microsatellite stable counterparts.

### **MSH2, MAb (G218-1129) & RAb (RBT-MSH2)**

This protein deficiency is linked to the autosomal dominant condition of Hereditary Non-Polyposis Colon Cancer. The anti-MSH2 antibody is useful in screening patients and families for this condition. Colon cancers that are microsatellite-unstable have a better prognosis than their microsatellite stable counterparts.

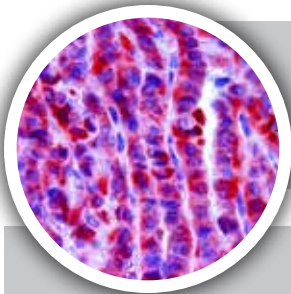
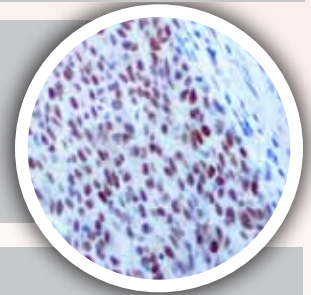


### **MSH6, MAb (44) & RAb (EP49)**

This protein deficiency is linked to the autosomal dominant condition of Hereditary Non-Polyposis Colon Cancer. The anti-MSH6 antibody is useful in screening patients and families for this condition. Colon cancers that are microsatellite-unstable have a better prognosis than their microsatellite stable counterparts.

### **PMS2, MAb (BSB-130) & RAb (EP51)**

Along with MLH1, MSH2 and MSH6, PMS2 is helpful in diagnosing MSI. Tumors with low-level MSI show unfavorable pathological characteristics compared to tumors with none and tumors with high-level MSI.



### **BRAF V600E, RAb (RM8)**

BRAF mutations have been widely observed in papillary thyroid carcinoma, colorectal cancer, melanoma and non-small-cell lung cancer.

### **4-Core MMR Cell Line Microarray**

An unstained ready-to-use microscope slide consisting of 4 - 1 mm cores of knockout mutations of the individual mismatch repair genes MLH1, MSH2, MSH6 and PMS2.



### **5-Core BRAF V600E Cell Line Microarray**

An unstained ready-to-use microscope slide consisting of 5 - 1 mm cores of normal human cell lines which were assembled in array fashion to for the analysis and validation of reagents, or to be used as controls for Immunohistochemistry applications.

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