

## Product datasheet for **UM500100**

### Myeloid leukemia factor 1 (MLF1) Mouse Monoclonal Antibody [Clone ID: UMAB138]

#### Product data:

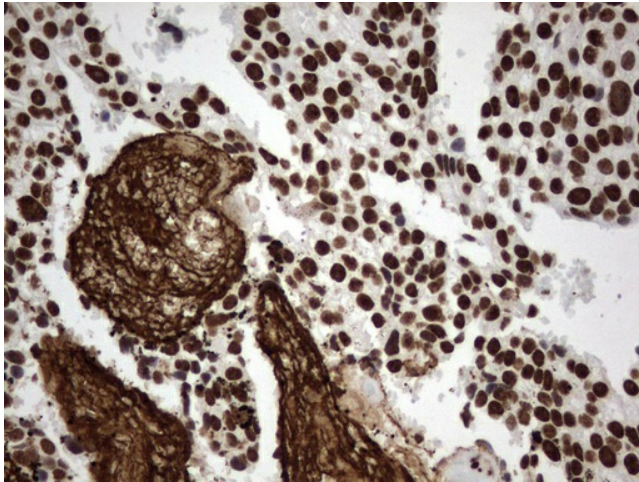
Product Type:	Primary Antibodies
Clone Name:	UMAB138
Applications:	IF, IHC, WB
Recommended Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MLF1(NP_071888) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5~1.0 mg/ml (Lot Dependent)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	myeloid leukemia factor 1
Database Link:	<a href="#">NP_071888</a> <a href="#">Entrez Gene 4291 Human P58340</a>
Background:	This gene encodes an oncoprotein which is thought to play a role in the phenotypic determination of hemopoetic cells. Translocations between this gene and nucleophosmin have been associated with myelodysplastic syndrome and acute myeloid leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]
Synonyms:	myeloid leukemia factor 1; myeloid leukemia factor 1 variant 1; myeloid leukemia factor 1 variant 2; myeloid leukemia factor 1 variant 3



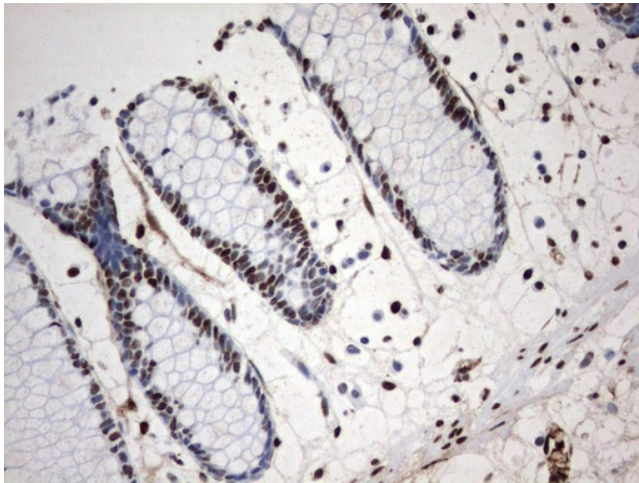
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Protein Families: Druggable Genome

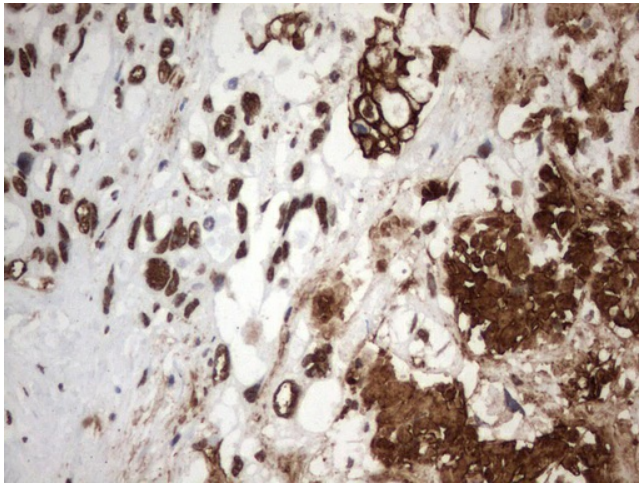
**Product images:**



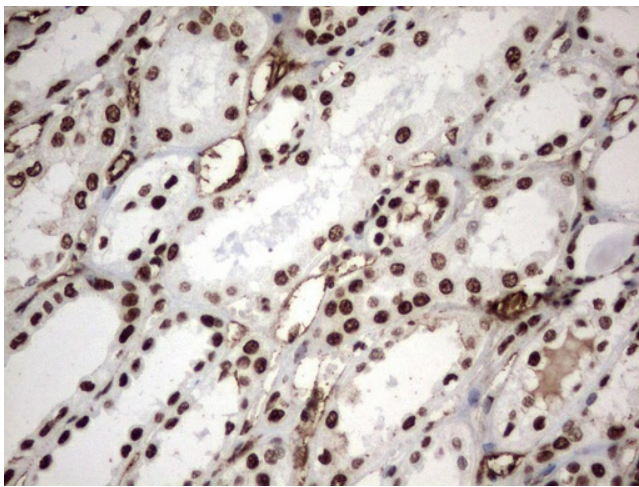
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



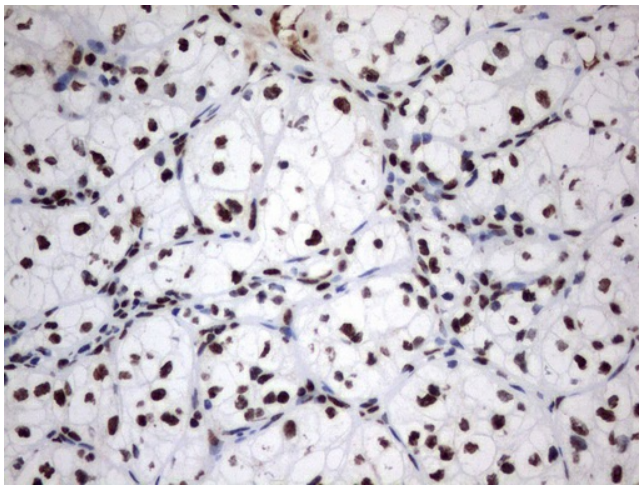
Immunohistochemical staining of paraffin-embedded Human colon tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



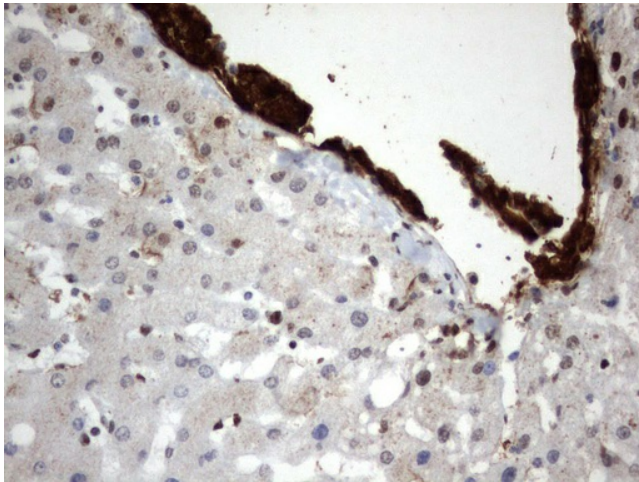
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



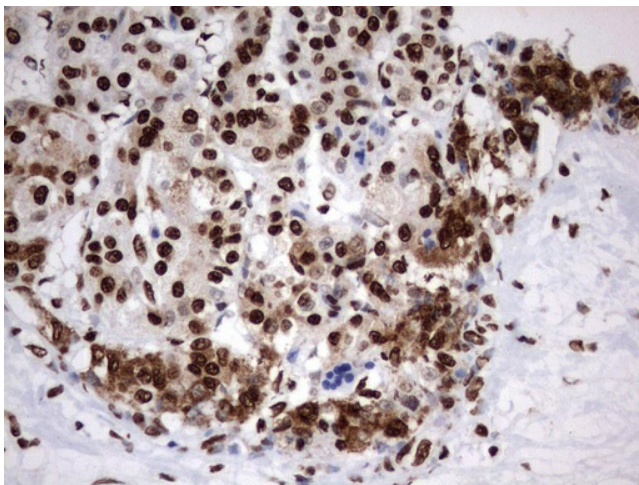
Immunohistochemical staining of paraffin-embedded Human Kidney tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



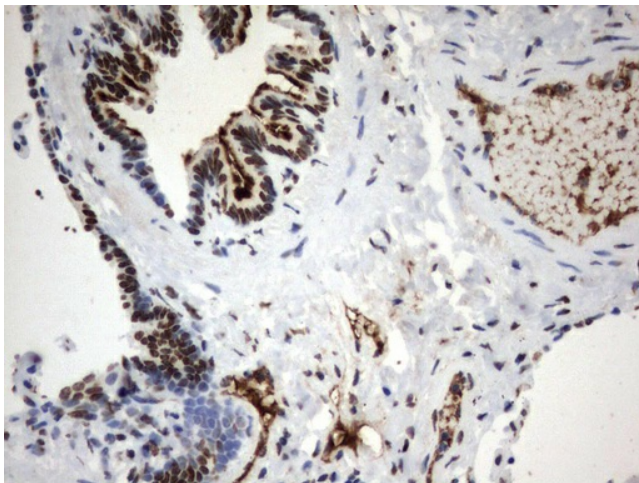
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



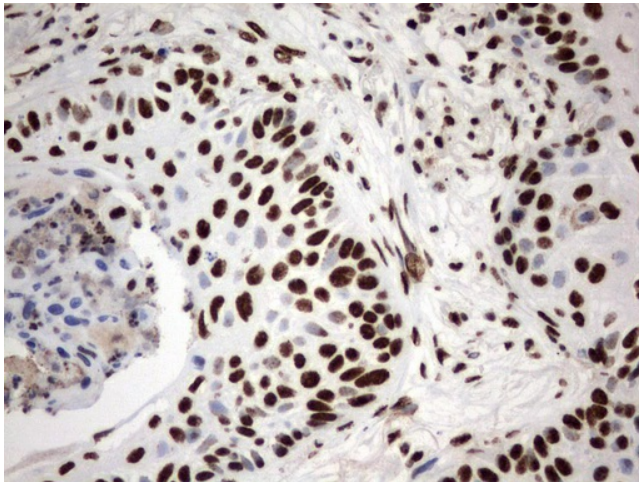
Immunohistochemical staining of paraffin-embedded Human liver tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



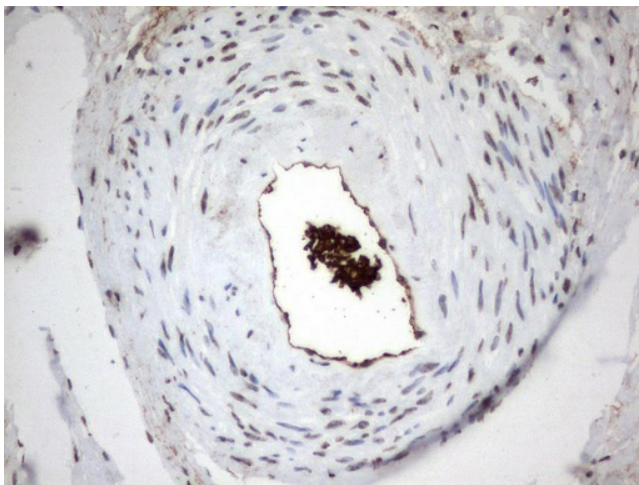
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



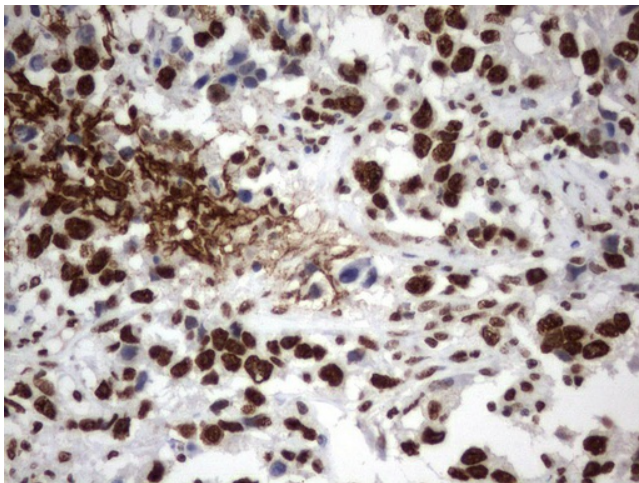
Immunohistochemical staining of paraffin-embedded Human lung tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



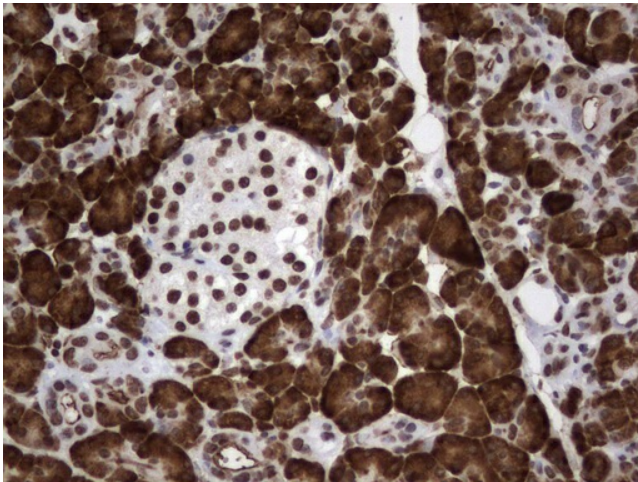
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



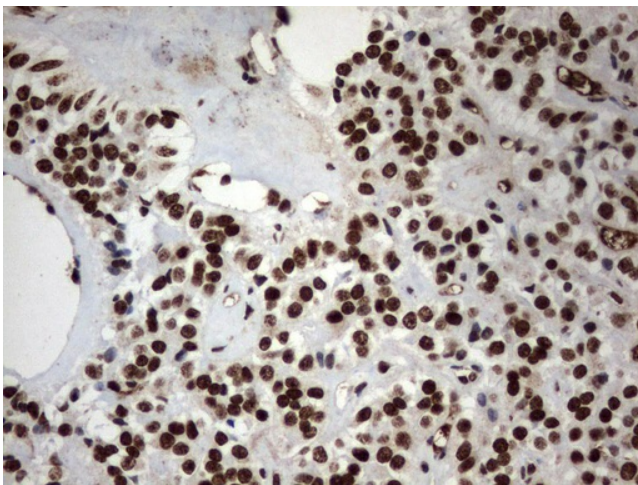
Immunohistochemical staining of paraffin-embedded Human Ovary tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



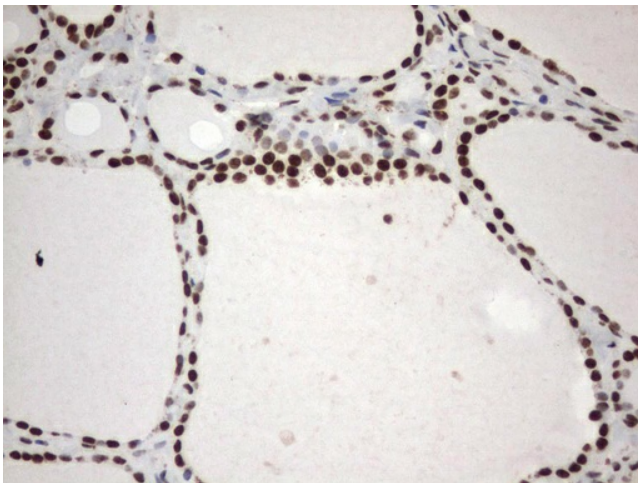
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



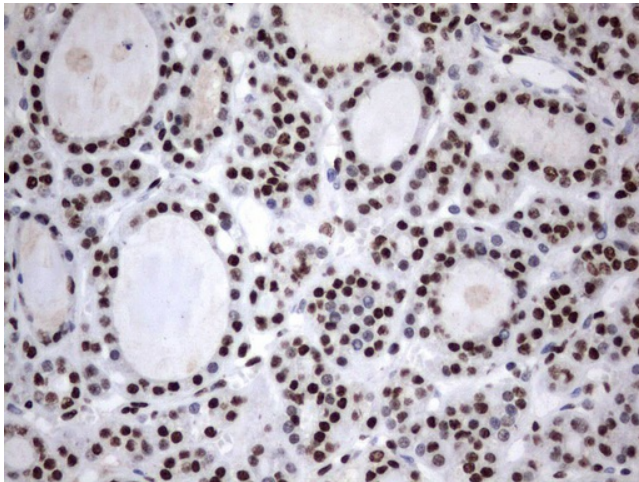
Immunohistochemical staining of paraffin-embedded Human pancreas tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



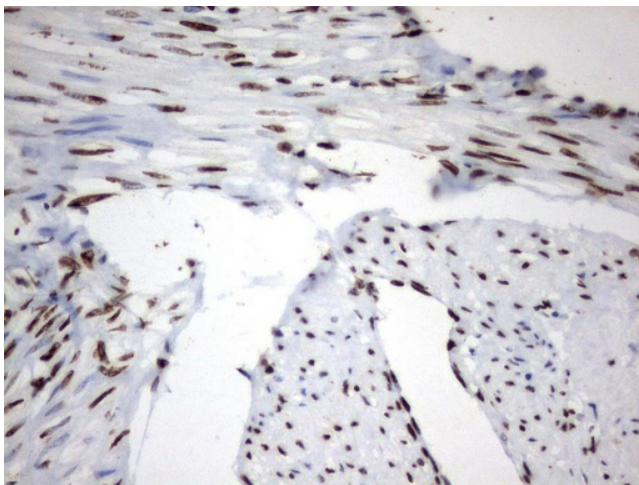
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



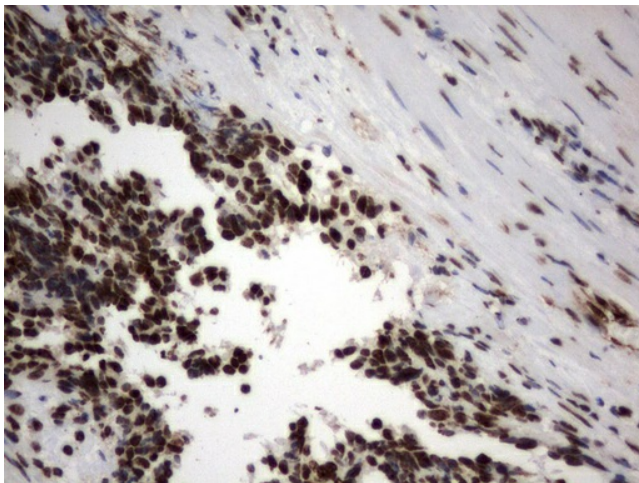
Immunohistochemical staining of paraffin-embedded Human thyroid tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



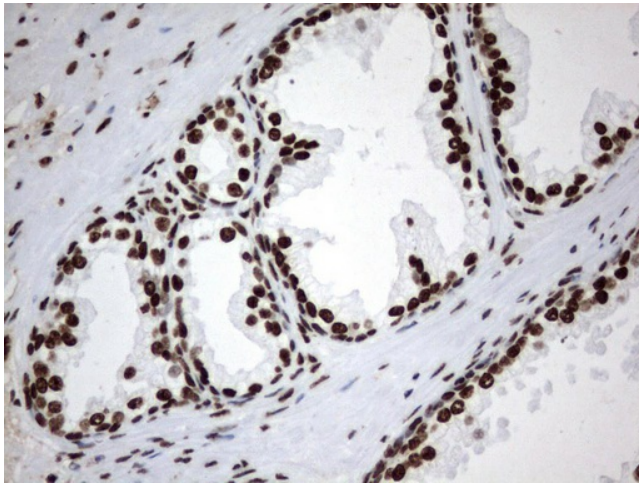
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



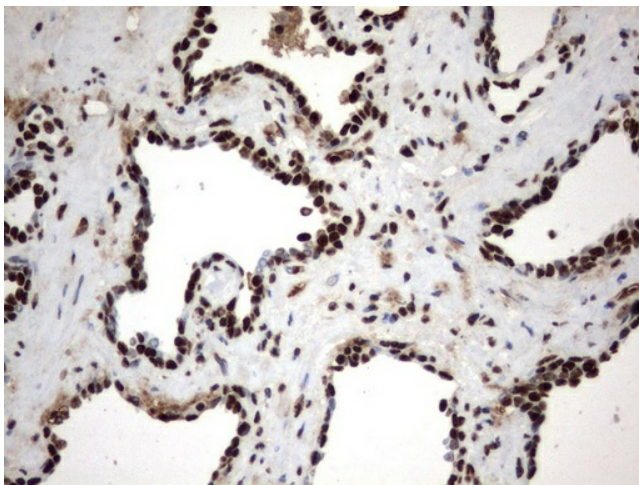
Immunohistochemical staining of paraffin-embedded Human endometrium tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



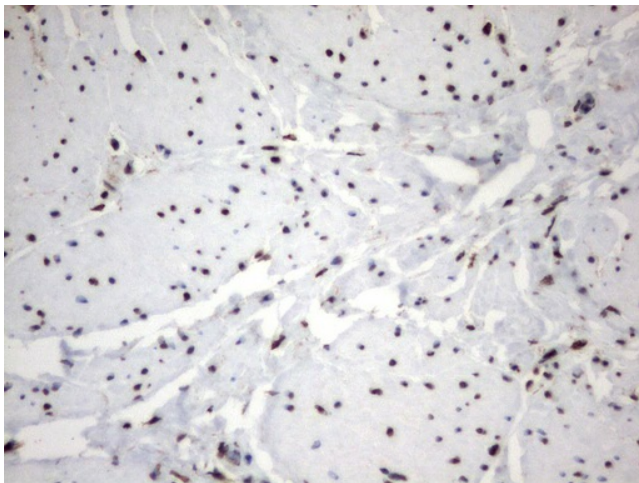
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human prostate tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)

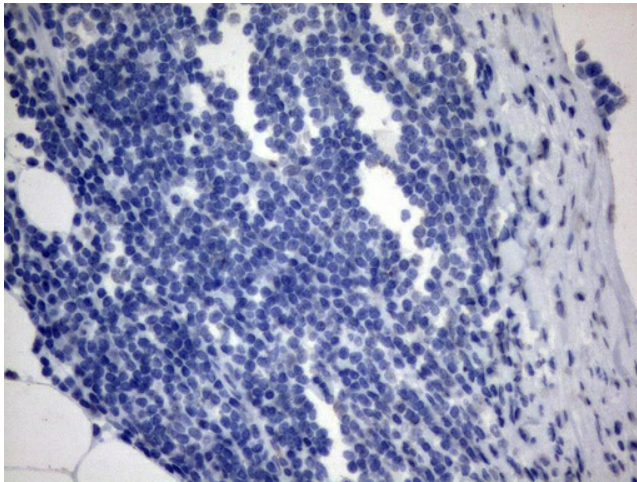


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)

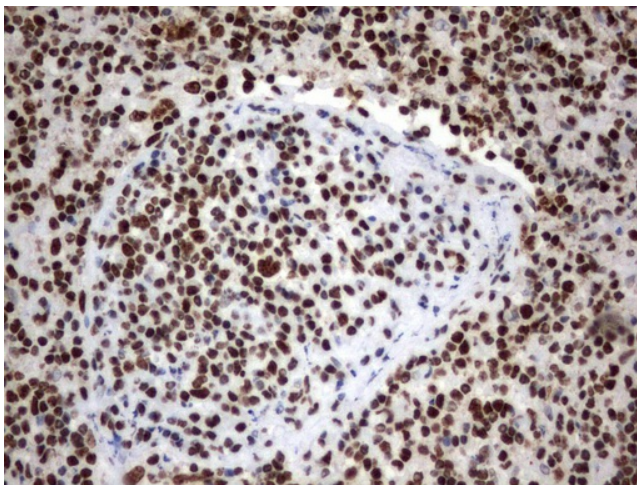


Immunohistochemical staining of paraffin-embedded Human bladder tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)

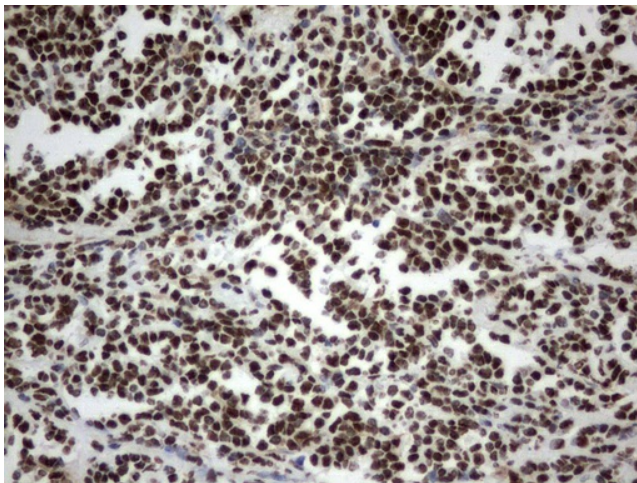




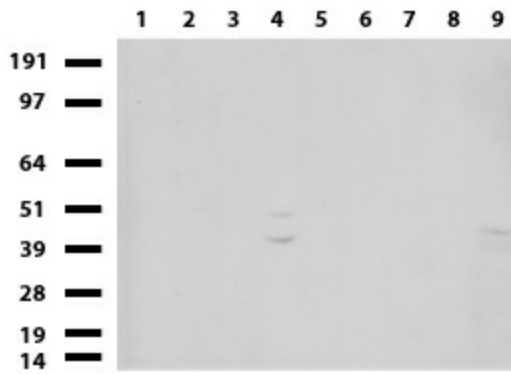
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



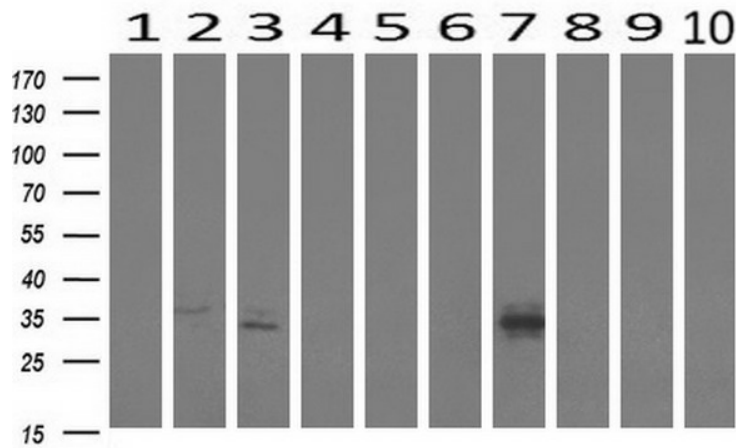
Immunohistochemical staining of paraffin-embedded Human lymph node tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



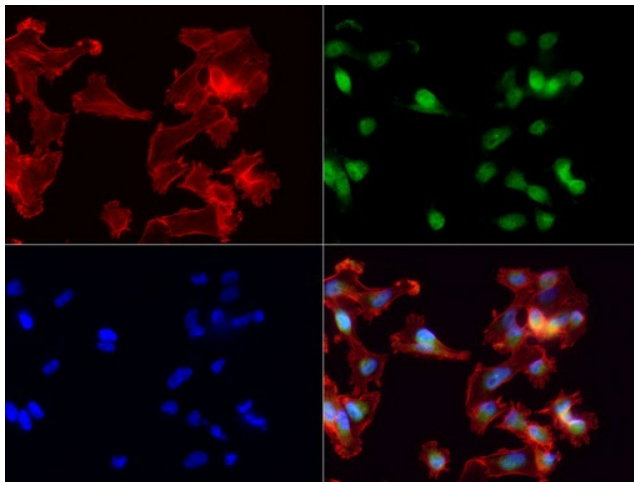
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-MLF1 mouse monoclonal antibody. (UM500100, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



Western blot of cell lysates (35ug) from 9 different cell lines (1: HepG2, 2: HeLa, 3: SV-T2, 4: A549, 5: COS7, 6: Jurkat, 7: MDCK, 8: PC-12, 9: MCF7).



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-MLF1 monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



Immunofluorescent staining of MDA-MB-231 cells using anti-MLF1 mouse monoclonal antibody (UM500100, green, 1:100). Actin filaments were labeled with TRITC-phalloidin (red), and nuclear with DAPI (blue).