

Product datasheet for **UM800123**

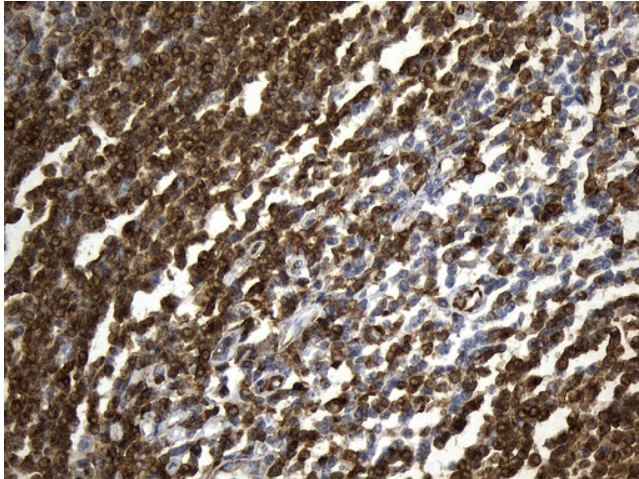
DHLAG (CD74) Mouse Monoclonal Antibody [Clone ID: UMAB231]

Product data:

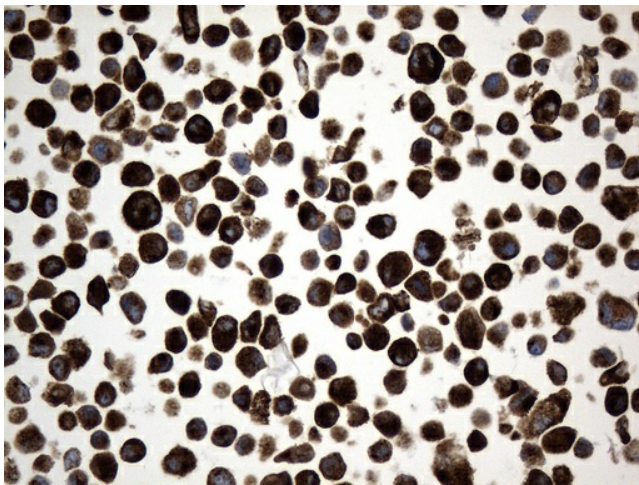
Product Type:	Primary Antibodies
Clone Name:	UMAB231
Applications:	10k-ChIP, IHC, WB
Recommended Dilution:	IHC 1:100~1600
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CD74(NP_001020330) produced in HEK293T cell.
Formulation:	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.
Predicted Protein Size:	33.3 kDa
Gene Name:	CD74 molecule
Database Link:	NP_001020330 Entrez Gene 972 Human P04233
Synonyms:	DHLAG; HLADG; Ia-GAMMA; II
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Antigen processing and presentation



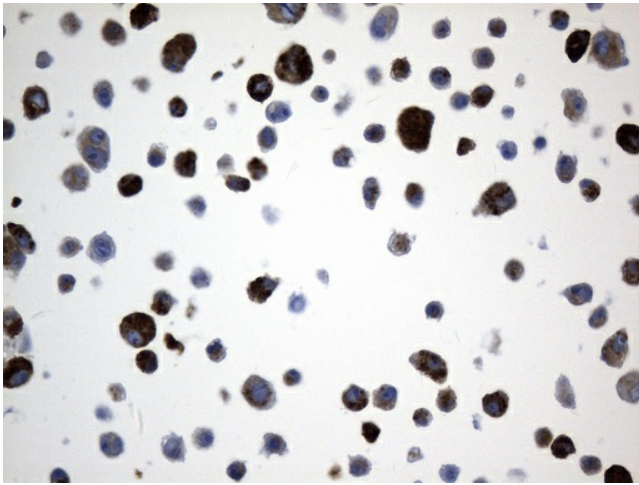
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Product images:

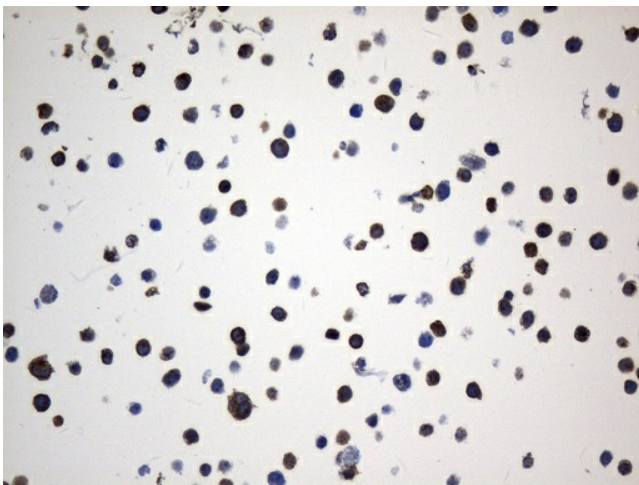
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-CD74 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 2.5 min, UM800123) (1:1600)



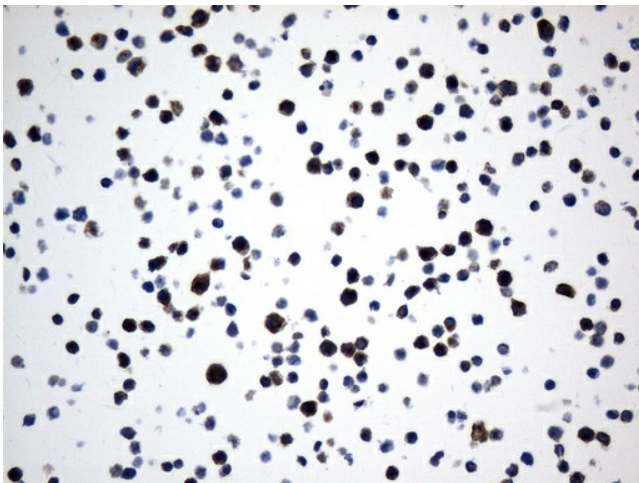
Immunohistochemical staining of paraffin-embedded NCI-H2228 cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



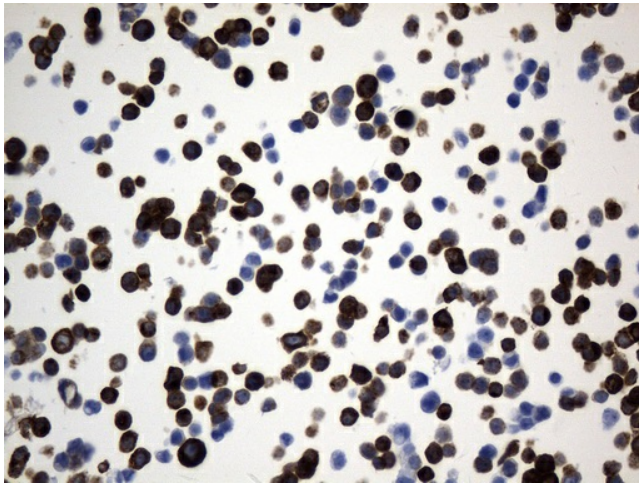
Immunohistochemical staining of paraffin-embedded MDA-MB-231 cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



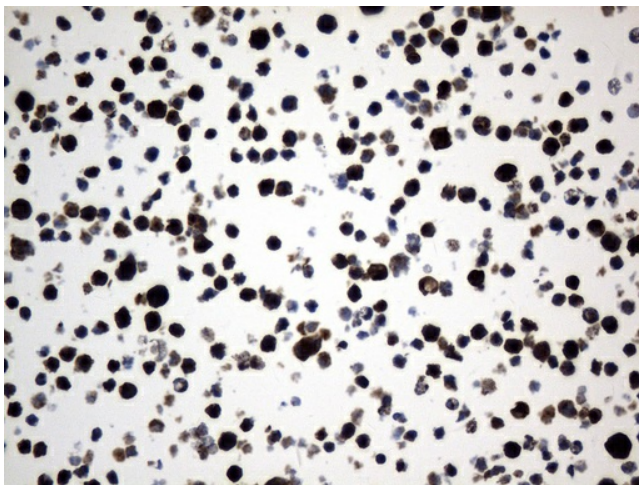
Immunohistochemical staining of paraffin-embedded HL-60 cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



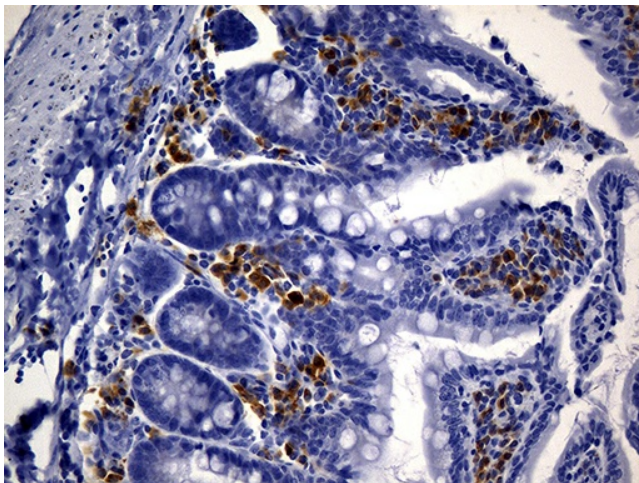
Immunohistochemical staining of paraffin-embedded Ramos cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



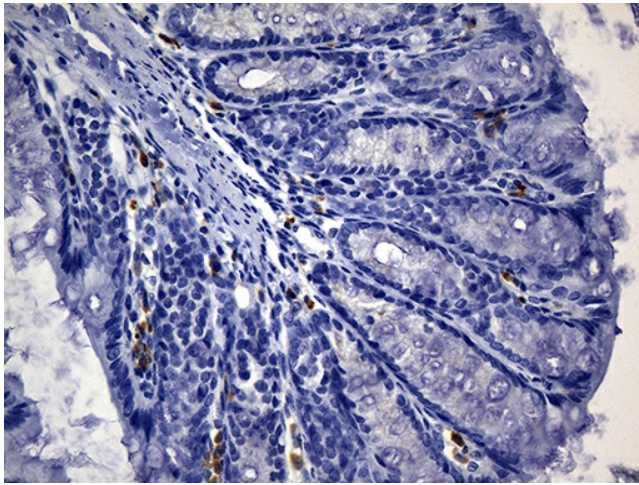
Immunohistochemical staining of paraffin-embedded LoVo cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



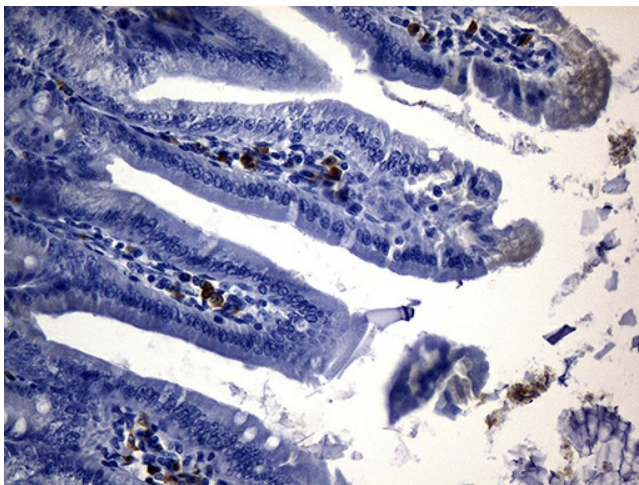
Immunohistochemical staining of paraffin-embedded Raji cell pellets using anti-CD74 mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM800123) (1:1600)



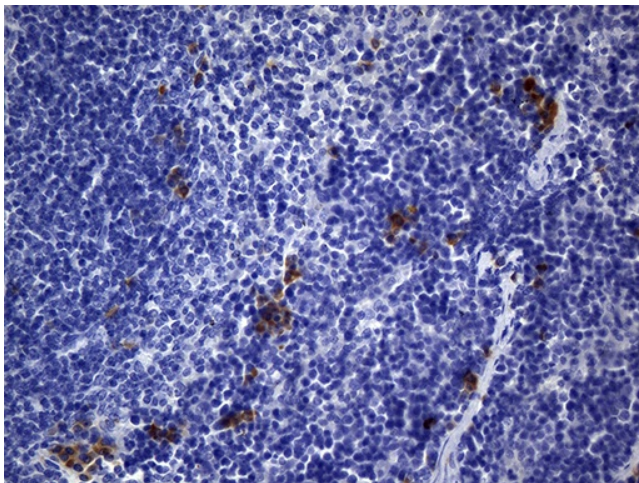
Immunohistochemical staining of paraffin-embedded mouse ascending colon tissue using anti-CD74 clone UMAB231 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, UM800123) (1:800).



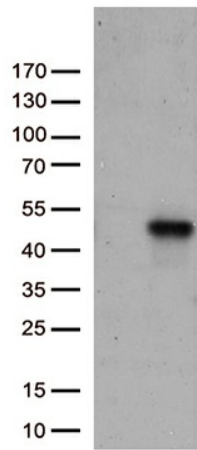
Immunohistochemical staining of paraffin-embedded mouse colon tissue using anti-CD74 clone UMAB231 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, UM800123) (1:800).



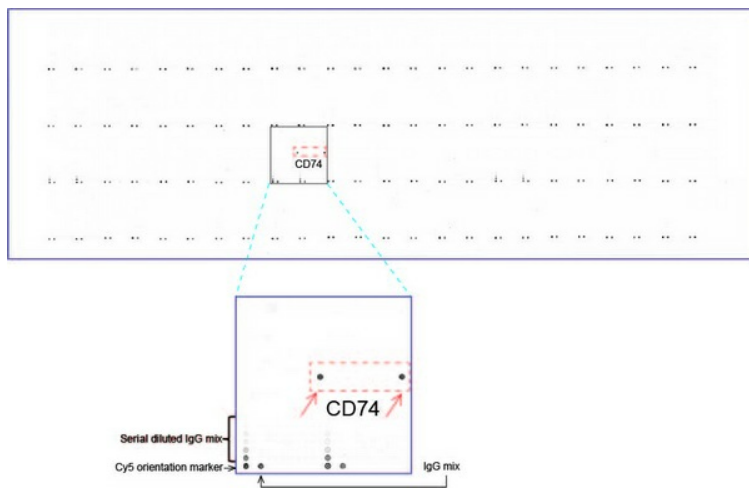
Immunohistochemical staining of paraffin-embedded mouse small intestine tissue using anti-CD74 clone UMAB231 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, UM800123) (1:800).



Immunohistochemical staining of paraffin-embedded mouse spleen tissue using anti-CD74 clone UMAB231 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, UM800123) (1:800)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD74 ([RC212964], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD74 (1:500).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-CD74 mouse monoclonal antibody (UM800123). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100)