

Product Datasheet

CD74 Antibody (Biotin) (orb396345)

Catalog Number	orb396345
Category	Antibodies
Description	Mouse monoclonal antibody against CD74 conjugated to Biotin.
Target	CD74
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a
Conjugation	Biotin
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	136.36mM Ethanolamine, 133.23 mM Chlorides, 9.55mM Phosphates, 9.55mM Sodium Bicarbonate
Purification	Protein G Purified
Immunogen	Human CD74 invariant chain synthetic peptide.
UniProt ID	P04233
MW	33 kDa
Tested applications	ICC, IF, WB
Dilution range	WB (1:1000); ICC/IF (1:100)

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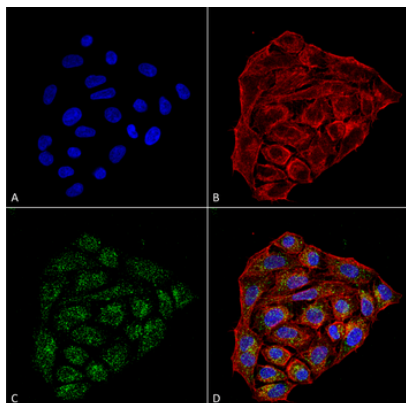
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Application notes	A 1:1000 dilution was sufficient for detection of CD74 in 15 µg of B-Cell Lymphoma cell line Raji by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary Antibody.
Specificity	Detects ~33 kDa protein.
Clone Number	1B8
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	972
NCBI	NP_001020329.1
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-CD74 Monoclonal Antibody, Clone 1B8. Tissue: Cervical cancer cell line (HeLa). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-CD74 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cell membrane, Endoplasmic Reticulum, Golgi apparatus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) CD74 Antibody. (D) Composite.

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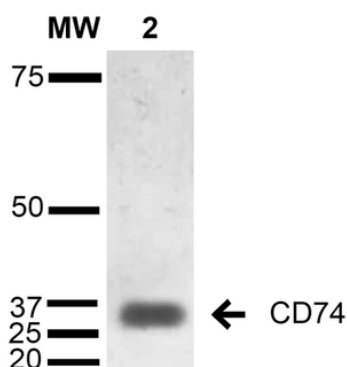
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Western Blot analysis of Human Lymphoblastoid cell line (Raji) showing detection of 33-35 kDa CD74 protein using Mouse Anti-CD74 Monoclonal Antibody, Clone 1B8. Lane 1: Molecular Weight Ladder (MW). Lane 2: Raji cell lysate. Load: 15 μ g. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-CD74 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 33-35 kDa.

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