

Product Datasheet

CD74 Antibody: Biotin (orb396363)

Catalog Number	orb396363
Description	Mouse monoclonal antibody against CD74 conjugated to Biotin.
Species/Host	Mouse
Reactivity	Human
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Human CD74 invariant chain synthetic peptide.
Target	CD74
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:1000 dilution of SMC-268 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.
Isotype	IgG1
Clonality	Monoclonal
Clone Number	3D7
MW	33 kDa
Uniprot ID	P04233

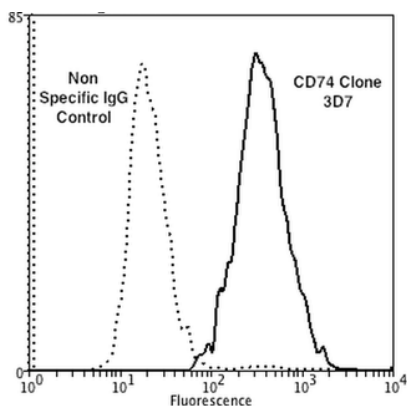
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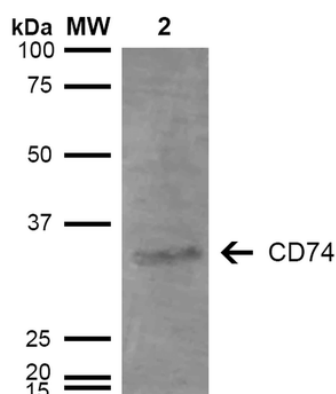
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NCBI	NP_001020329.1
Entrez	972
Dilution Range	WB (1:1000); FACS (1:50)
Expiration Date	12 months from date of receipt.



Flow Cytometry analysis using Mouse Anti-CD74 Monoclonal Antibody, Clone 3D7. Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 90% Methanol. Primary Antibody: Mouse Anti-CD74 Monoclonal Antibody at 1:100 for 30 min on ice. Secondary Antibody: Goat Anti-Mouse: PE at 1:100 for 20 min at RT. Isotype Control: Non Specific IgG. Cells were subject to heat shock at 42°C for 2 hours and transferred to CO2 incubator at 37°C for 1 hour before trypsinization.



Western Blot analysis of Human Lymphoblastoid cell line (Raji) showing detection of 33-35 kDa CD74 protein using Mouse Anti-CD74 Monoclonal Antibody, Clone 3D7. Lane 1: Molecular Weight Ladder (MW). Lane 2: Raji cell lysate. Load: 15 µg. 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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