

Product Datasheet

CD74 Antibody: FITC (orb396364)

Catalog Number	orb396364
Category	Antibodies
Description	Mouse monoclonal antibody against CD74 conjugated to FITC.
Target	CD74
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	FITC
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	640.91mM DMSO, 136.36mM Ethanolamine, 9.09mM Sodium Bicarbonate in 90.9% PBS
Purification	Protein G Purified
Immunogen	Human CD74 invariant chain synthetic peptide.
UniProt ID	P04233
MW	33 kDa
Tested applications	ICC, IF, IHC
Dilution range	WB (1:1000); FACS (1:50)

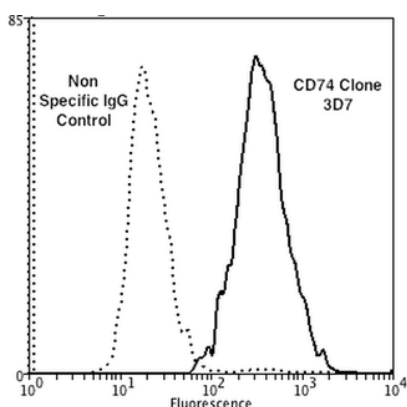
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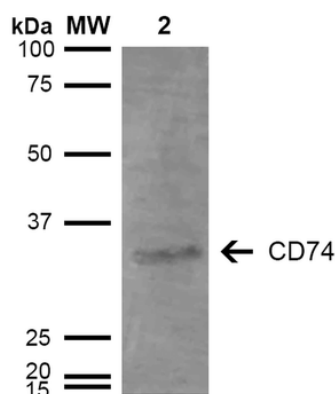
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Application notes	A 1:1000 dilution of SMC-268 was sufficient for detection of CD74 in 15 µg of B-Cell Lymphoma cell line Raji by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary Antibody.
Clone Number	3D7
Storage	Conjugated antibodies 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.



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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