

Product Datasheet

CD74 Antibody (3D7) NBP2-59697

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-59697**CD74 Antibody (3D7)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3D7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Target Molecular Weight	33 kDa

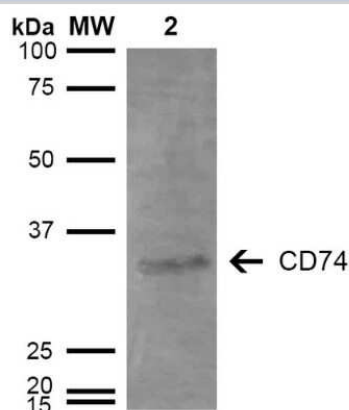
Product Description	
Host	Mouse
Gene ID	972
Gene Symbol	CD74
Species	Human
Specificity/Sensitivity	Detects approx 80, 55kDa. No cross-reactivity against Cav Beta4.
Immunogen	Human CD74 invariant chain synthetic peptide.

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry
Application Notes	A 1:1000 dilution of this antibody was sufficient for detection of CD74 in 15 ug of B-Cell Lymphoma cell line Raji by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary Antibody.

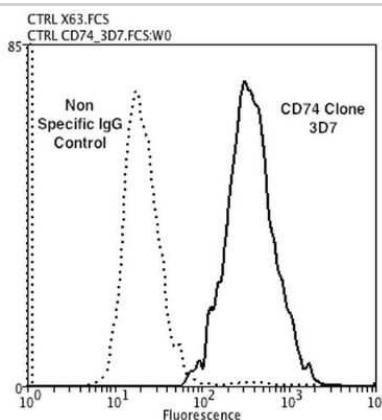


Images

Western Blot: CD74 Antibody (3D7) [NBP2-59697] - 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 ug. 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.



Flow Cytometry: CD74 Antibody (3D7) [NBP2-59697] - Flow Cytometry analysis using Mouse Anti-CD74 Monoclonal Antibody, Clone 3D7 (NBP2-59697). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 90% Methanol. Primary Antibody: Mouse Anti-CD74 Monoclonal Antibody (NBP2-59697) 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 42C for 2 hours and transferred to CO2 incubator at 37C for 1 hour before trypsinization.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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