

# Product Datasheet

## CD81 Antibody (M38) [FITC]

### NBP1-44859

Unit Size: 100 Tests

Store at 4C in the dark.

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**NBP1-44859**

CD81 Antibody (M38) [FITC]

Product Information	
<b>Unit Size</b>	100 Tests
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M38
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	FITC
<b>Purity</b>	Size Exclusion Chromatography
<b>Buffer</b>	PBS and 0.2% (w/v) high grade BSA (protease free)
<b>Target Molecular Weight</b>	25 kDa
Product Description	
<b>Description</b>	Store in the dark. Avoid prolonged exposure to light.
<b>Host</b>	Mouse
<b>Gene ID</b>	975
<b>Gene Symbol</b>	CD81
<b>Species</b>	Human, Mouse, Feline, Rabbit
<b>Reactivity Notes</b>	Cat (100%). Use in Mouse reported in scientific publication( PMID: 32573489).
<b>Specificity/Sensitivity</b>	The antibody M38 reacts with CD81, a 25 kDa member of the tetraspanin family, expressed on majority of cells.
<b>Immunogen</b>	MOLT-4, human T-ALL cell line (NM_004356.3).
Product Application Details	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Knockout Validated
<b>Application Notes</b>	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10 <sup>6</sup> cells in a suspension.

**Publications**

Sung SE, Seo MS, Kang KK et al. Isolation and Characterization of Extracellular Vesicle from Mesenchymal Stem Cells of the Epidural Fat of the Spine Asian Spine Journal 2022-04-30 [PMID: 34461688] (Flow Cytometry)

Sung SE, Seo MS, Kang KK et al. Mesenchymal Stem Cell Exosomes Derived from Feline Adipose Tissue Enhance the Effects of Anti-Inflammation Compared to Fibroblasts-Derived Exosomes Vet Sci 2021-09-03 [PMID: 34564576] (FLOW, Feline)

Details:

Citation using the FITC format of this antibody.





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### **Products Related to NBP1-44859**

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NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
NBP1-44861PE	CD81 Antibody (M38) [PE]
NBP2-60215-50ug	Recombinant Human CD81 hIgG-His Protein
7268-CT-100	CTLA-4 [Unconjugated]

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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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