

## Anti-CD81 antigen CD81 Antibody

Catalog Number: A01281-1

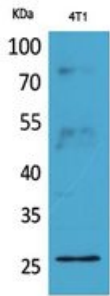
### Overview

Product Name	Anti-CD81 antigen CD81 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD81 antigen CD81 Antibody catalog # A01281-1. Tested in IF, WB, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P60033

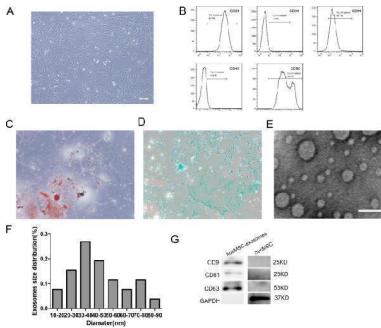
### Technical Details

Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD81. AA range:111-160
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified
Suggested Dilutions	IF 1:50-200 WB 1:500-1:2000 ELISA 1:20000

## Anti-CD81 antigen CD81 Antibody (A01281-1) Images



Western Blot (WB) analysis of 4T1 cells using CD81 Polyclonal antibody.



Morphology and characterization of hucMSCs and hucMSC-exosomes. a The fibroblast-like morphology of hucMSCs shown in light microscopy images ( $\times 40$ ). b Surface markers of hucMSCs analysed by flow cytometry. hucMSCs were positive for CD29, CD44, and CD90 and were negative for CD34 and CD45. c MSCs displayed the ability of adipogenic differentiation ( $\times 40$ ). d MSCs displayed the ability of chondrogenic differentiation ( $\times 40$ ). e Morphology of exosomes under transmission electron microscopy. Scale bar, 100 nm. f The size distribution of exosomes measured by Image-Pro Plus software. g Western blotting analyses of the exosome surface markers (CD9, CD81, and CD63) Index in PubMed under a CC BY license. PMID: 32293542

## 1 Publications Citing This Product

1. PubMed ID: 32400849, Cao G, Meng X, Han X, Li J. Exosomes derived from circRNA Rtn4-modified BMSCs attenuate TNF-alpha-induced cytotoxicity and apoptosis in murine MC3T3-E1 cells by sponging miR-146a. *Biosci Rep.* 2020 May 29;40(5): BSR20193436. doi:10.1042/BSR20193436. PMID: 32400849; PMC

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