

Datasheet for ABIN560259
anti-CD81 antibody (AA 25-127)



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Overview

Quantity:	100 µg
Target:	CD81
Binding Specificity:	AA 25-127
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD81 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CD81.
Immunogen:	CD81 (AAH02978, 25 a.a. ~ 127 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GGVILGVALW LRHDPQTTNL LYLELGDKPA PNTFYVGIYI LIAVGAVMMF VGFLGCGYAI QESQCLLGTF FTCLVILFAC EVAAGIWGFV NKDQIAKDVK QFY
Clone:	2B7
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CD81
Alternative Name:	CD81 (CD81 Products)
Background:	Full Gene Name: CD81 Molecule Synonyms: S5.7,TAPA1,TSPAN28
Gene ID:	975
Pathways:	Inositol Metabolic Process , Hepatitis C

Application Details

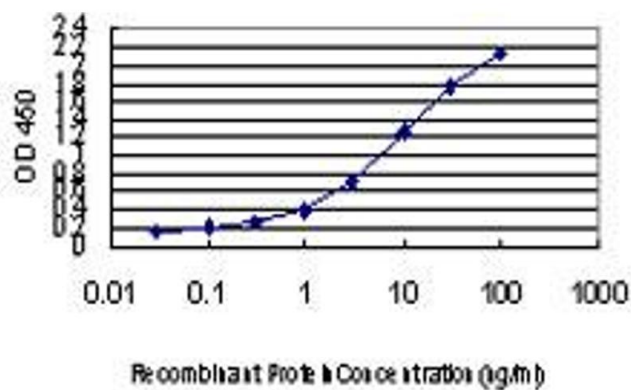
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Suzuki, Raya, Kawakami, Morita, Matsui, Nakashima, Gage, Rodríguez-Esteban, Izpisúa Belmonte: "Nanog binds to Smad1 and blocks bone morphogenetic protein-induced differentiation of embryonic stem cells." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 103, Issue 27, pp. 10294-9, (2006) (PubMed). Chambers: "The molecular basis of pluripotency in mouse embryonic stem cells." in: Cloning and stem cells, Vol. 6, Issue 4, pp. 386-91, (2005) (PubMed). Chambers, Colby, Robertson, Nichols, Lee, Tweedie, Smith: "Functional expression cloning of Nanog, a pluripotency sustaining factor in embryonic stem cells." in: Cell, Vol. 113, Issue 5, pp. 643-55, (2003) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged CD81 is approximately 0.1 ng/ml as a capture antibody.