Data Sheet (Cat.No.TMAB-01204)

TargetMol

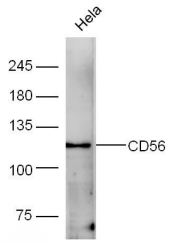
Anti-NCAM1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 92 kDa. Actual: 125 kDa.
Purification:	Protein A purified

Applications

Verified Activity:
Protein: Hela (human) cell lysates at 40 μg;
Primary: rabbit Anti-CD56 (TMAB-01204) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit Igg (secondary antibody) at 1: 5000;
Predicted band size:92 kDa
Observed band size:125 kDa



Application:	IF,IHC-Fr,WB
Recommended	WB: 1:500-2000; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD56/NCAM1
Antigen Species:	Human
Gene ID:	4684
Uniprot ID:	P13591
Synonyms:	NCAM;neural cell adhesion molecule 1;CD56;MSK39
Biology Area:	ECM Proteins,Growth Cone,Neural Signal Transduction,Human Lineage Negative

Research Background

This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance.

Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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