

SEMA4D monoclonal antibody, clone 133-1C6

Catalog # MAB6973

Size 100 ug

Specification

Product Description Mouse monoclonal antibody raised against native SEMA4D.

Immunogen Native purified SEMA4D from PHA stimulated human PBL.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgM

Recommend Usage The optimal working dilution should be determined by the end user.

Storage Buffer In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)

Storage Instruction Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Gene Info — SEMA4D

Entrez GeneID [10507](#)

Gene Name SEMA4D

Gene Alias	C9orf164, CD100, FLJ33485, FLJ34282, FLJ39737, FLJ46484, M-sema-G, MGC169138, MGC169141, SEMAJ, coll-4
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
Omim ID	601866
Gene Ontology	Hyperlink
Gene Summary	sema domain
Other Designations	OTTHUMP00000021622 OTTHUMP00000070035 sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D semaphorin 4D

Publication Reference

- [The human semaphorin-like leukocyte cell surface molecule CD100 associates with a serine kinase activity.](#)
Elhabazi A, Lang V, Herold C, Freeman GJ, Bensussan A, Boumsell L, Bismuth G.
The Journal of Biological Chemistry 1997 Sep; 272(38):23515.
- [Comments on the article "Persistent confusion of total entropy and chemical system entropy in chemical thermodynamics" \[\(1996\) Proc. Natl. Acad. Sci. USA 93, 7452-7453\].](#)
Ross J.
PNAS 1996 Dec; 93(25):14314.

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)