

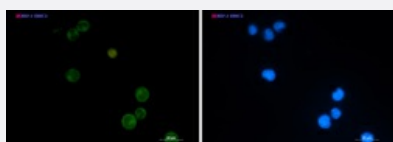
RecomAb™

SEMA4D recombinant monoclonal antibody, clone R05-2E3

Catalog # RAB01216 Size 100 uL

Applications

Immunocytochemistry



Immunocytochemistry analysis of Semaphorin 4D (green) in Jurkat using Semaphorin 4D antibody, and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SEMA4D.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against synthetic peptide corresponding to human Semaphorin 4D.
Theoretical MW (kDa)	Calculated MW: 96 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot Immunocytochemistry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry
Immunocytochemistry analysis of Semaphorin 4D (green) in Jurkat using Semaphorin 4D antibody, and DAPI (blue).
- Immunofluorescence

Gene Info — SEMA4D

Entrez GeneID [10507](#)

Protein Accession# [Q92854](#)

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

Pathway

- [Axon guidance](#)

Disease

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