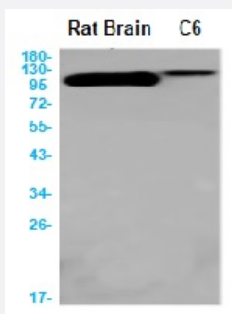


RecomAb™

ALCAM recombinant monoclonal antibody, clone R03-2E5

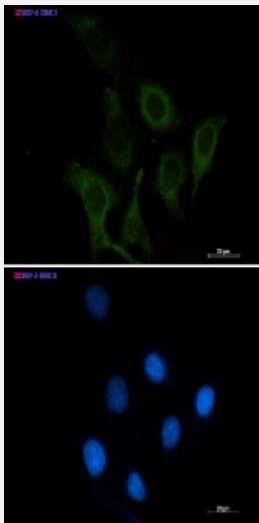
Catalog # RAB01527 Size 100 uL

Applications



Western Blot

Western blot analysis of CD166 in rat Brain, C6 lysates using human CD166 epsilon recombinant monoclonal antibody, clone R03-2E5 (Cat # RAB01527).



Immunocytochemistry

Immunocytochemistry analysis of CD166 (green) in SKOV-3 using human CD166 recombinant monoclonal antibody, clone R03-2E5 (Cat # RAB01527), and DAPI(blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human CD166.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD166
Theoretical MW (kDa)	Calculated MW: 65 kD

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1/100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage 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

Western blot analysis of CD166 in rat Brain, C6 lysates using human CD166 epsilon recombinant monoclonal antibody, clone R03-2E5 (Cat # RAB01527).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

Immunocytochemistry analysis of CD166 (green) in SKOV-3 using human CD166 recombinant monoclonal antibody, clone R03-2E5 (Cat # RAB01527), and DAPI(blue).

- Immunoprecipitation

Gene Info — ALCAM

Entrez GeneID

[214](#)

Protein Accession#

[Q13740](#)

Gene Name	ALCAM
Gene Alias	CD166, FLJ38514, MEMD, MGC71733
Gene Description	activated leukocyte cell adhesion molecule
Omim ID	601662
Gene Ontology	Hyperlink
Other Designations	activated leucocyte cell adhesion molecule

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cadaver](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)