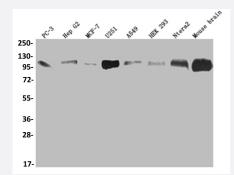


RecomAb™

ALCAM recombinant monoclonal antibody, clone 21B9

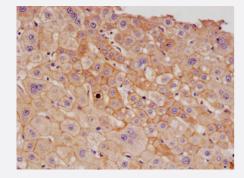
Catalog # RAB07572 Size 100 uL

Applications



Western Blot

Western blot analysis of PC3 whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, U251 whole cell lysate, A549 whole cell lysate, HEK293 whole cell lysate, Ntera-2 whole cell lysate, Mouse brain tissue with ALCAM recombinant monoclonal antibody, clone 21B9 (Cat # RAB07572).



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical analysis of paraffin-embedded human liver cancer using ALCAM recombinant monoclonal antibody, clone 21B9 (Cat # RAB07572) on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human ALCAM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human ALCAM.
Theoretical MW (kDa)	Calculated MW: 66, 6
Reactivity	Human, Mouse



Product Information

Form	Liquid
Purification	Affinity chromatography purification
Isotype	lgG
Recommend Usage	ELISA
	Immunohistochemistry (1:50-1:200)
	Western Blot (1:500-1:2000)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul
	d be handled by trained staff only.

Applications

Western Blot

Western blot analysis of PC3 whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, U251 whole cell lysate, A549 whole cell lysate, HEK293 whole cell lysate, Ntera-2 whole cell lysate, Mouse brain tissue with ALCAM recombinant monoclonal antibody, clone 21B9 (Cat # RAB07572).

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

Immunohistochemical analysis of paraffin-embedded human liver cancer using ALCAM recombinant monoclonal antibody, clone 21B9 (Cat # RAB07572) on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Enzyme-linked Immunoabsorbent Assay

Gene Info — ALCAM		
Entrez GeneID	<u>214</u>	
Protein Accession#	<u>Q13740</u>	
Gene Name	ALCAM	
Gene Alias	CD166, FLJ38514, MEMD, MGC71733	



Product Information

Gene Description	activated leukocyte cell adhesion molecule
Omim ID	<u>601662</u>
Gene Ontology	<u>Hyperlink</u>
Other Designations	activated leucocyte cell adhesion molecule

Pathway

• Cell adhesion molecules (CAMs)

Disease

- Cadaver
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema