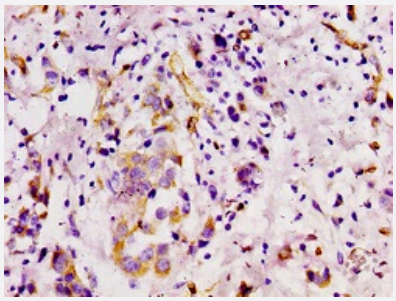
RecomAb™ Sm Size

MCAM recombinant monoclonal antibody, clone 8A10

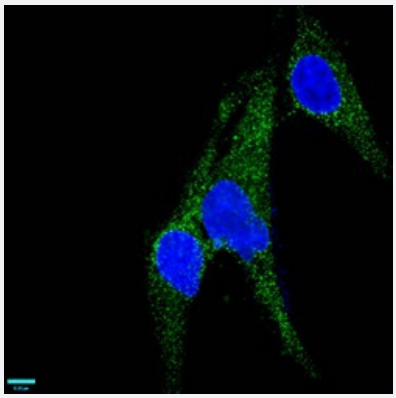
Catalog # RAB07932 Size 50 uL

Applications



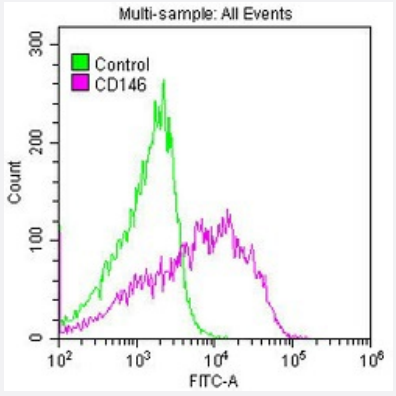
Immunohistochemistry

Immunohistochemical staining of human breast carcinoma with MCAM recombinant monoclonal antibody (diluated at 1:100).



Immunofluorescence

Immunofluorescent staining of U251 cells with MCAM recombinant monoclonal antibody (diluated at 1:37). The secondary antibody was Alexa Fluor 488-congugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).



Flow Cytometry

Flow cytometric analysis of A375 cells with MCAM recombinant monoclonal antibody(diluated at 1:50; purple line) and negative control (green line).

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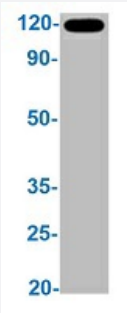

Western Blot (Cell lysate)

Western blot analysis of A375 whole cell lysate with MCAM recombinant monoclonal antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MCAM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MCAM .
Theoretical MW (kDa)	Calculated MW: 72 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunofluorescence (1:30-1:200) Immunohistochemistry (1:50-1:500) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
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.

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- Flow Cytometry

  Flow cytometric analysis of A375 cells with MCAM recombinant monoclonal antibody(diluated at 1:50; purple line) and negative control (green line).

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of A375 whole cell lysate with MCAM recombinant monoclonal antibody.

Gene Info — MCAM

Entrez GeneID	4162
Protein Accession#	P43121
Gene Name	MCAM
Gene Alias	CD146, MUC18
Gene Description	melanoma cell adhesion molecule
Omim ID	155735
Gene Ontology	Hyperlink
Other Designations	Gicerin|melanoma adhesion molecule

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