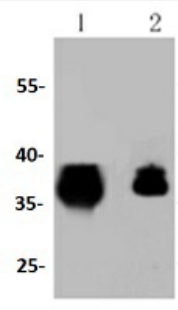
RecomAb™ Sm Size

EPCAM recombinant monoclonal antibody

Catalog # RAB09415 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane1:HCT116 whole cell lysate Lane2:SW480 whole cell lysate with EPCAM recombinant monoclonal antibody (Cat # RAB09415) at 1:1000 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against EPCAM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant EPCAM.
Theoretical MW (kDa)	40
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of EPCAM and does not cross-react with related proteins.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — EPCAM

Entrez GeneID	4072
Protein Accession#	P16422
Gene Name	EPCAM
Gene Alias	17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA7 33-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP 1, hEGP-2
Gene Description	epithelial cell adhesion molecule
Omim ID	185535
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a carcinoma-associated antigen and is a member of a family that includes at l east two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion mol ecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq
Other Designations	adenocarcinoma-associated antigen|carcinoma-associated antigen GA733-2|human epithelial gl ycoprotein-2|membrane component, chromosome 4, surface marker (35kD glycoprotein)|tumor-a ssociated calcium signal transducer 1

Disease

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- Genetic Predisposition to Disease
- Ovarian Neoplasms

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