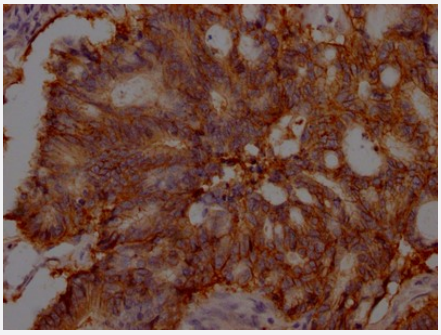
RecomAb™ Sm Size

EPCAM recombinant monoclonal antibody, clone 6H12

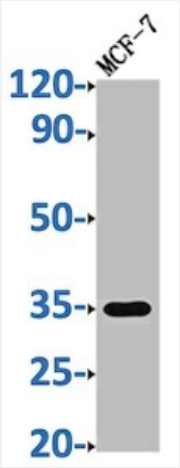
Catalog # RAB08017 Size 50 uL

Applications



Immunohistochemistry

Immunohistochemistry image of EPCAM recombinant monoclonal antibody, clone 6H12 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system.



Western Blot

Western Blot analysis of
Lane 1: MCF-7 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EPCAM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human EPCAM.
Reactivity	Human

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) 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.

Applications

- Immunohistochemistry

  Immunohistochemistry image of EPCAM recombinant monoclonal antibody, clone 6H12 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of
  Lane 1: MCF-7 whole cell lysate.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 least 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 molecule. 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 glycoprotein-2|membrane component, chromosome 4, surface marker (35kD glycoprotein)|tumor-associated calcium signal transducer 1

Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.