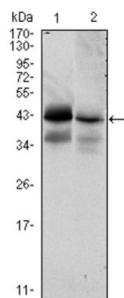
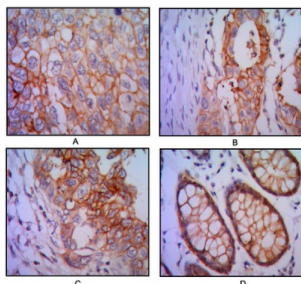


Epithelial Cell Adhesion Molecule (EPCAM) Antibody

Catalogue No.: abx011925



Western blot analysis using EPCAM antibody against HTC116 (1) and T47D (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer (A), colon cancer (B), breast cancer (C) and rectal cancer (D), using EPCAM antibody with DAB staining.

This 9-exon 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.

Target: Epithelial Cell Adhesion Molecule (EPCAM)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human EPCAM expressed in *E. coli*.

Isotype: IgG₁

Form: Liquid

Datasheet

Version: 3.0.0
Revision date: 15 Jun 2025



Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P16422 (UniProt , ExPASy)
Gene Symbol:	EPCAM
GeneID:	4072
OMIM:	185535
HGNC:	11529
KEGG:	hsa:4072
Ensembl:	ENSG00000119888
String:	9606.ENSP00000263735
Molecular Weight:	35 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.