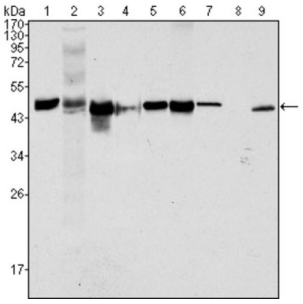
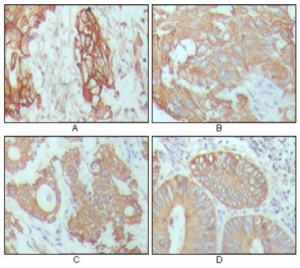
Cytokeratin 18 (CYK18) Antibody

Catalogue No.:abx015833



Western blot analysis using CK18 antibody against Hela (1), NIH/3T3 (2), A549 (3), Jurkat (4), MCF-7 (5), HepG2 (6), A431 (7), HEK293 (8) and K562 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A), hepatocarcinoma (B), stomach cancer (C) and colon cancer tissue (D), showing cytoplasmic location with DAB staining using CK18 antibody.

Cytokeratin 18, also known as CK18, CYK18, KRT18.Entrez Protein NP_000215.It encodes the type I intermediate filament chain keratin 18.Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family.They are expressed in single layer epithelial tissues of the body.Mutations in this gene have been linked to cryptogenic cirrhosis.Two transcript variants encoding the same protein have been found for this gene.

Target:	Cytokeratin 18 (CYK18)
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 Cytokeratin 18 (aa391-483) expressed in E. coli.
Isotype:	IgG_{2b}
Form:	Liquid

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Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P05783 (UniProt, ExPASy)
Gene Symbol:	KRT18
GeneID:	3875
OMIM:	148070
HGNC:	6430
KEGG:	hsa:3875
Ensembl:	ENSG00000111057
String:	9606.ENSP00000373487
Molecular Weight:	48 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.

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