

Mouse anti-Human Cytokeratin Monoclonal Antibody | anti-KRT5 antibody

Cytokeratin (Pan) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320030	Mouse	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

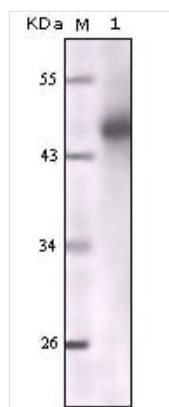
PRODUCT SYNONYMS

Cytokeratin; Monoclonal Antibody; Cytokeratin (Pan) Monoclonal Antibody; Keratin type II cytoskeletal 5; KRT5; Keratin; type II cytoskeletal 5; 58 kDa cytokeratin; Cytokeratin-5; CK-5; Keratin-5; K5; Type-II keratin Kb5; anti-KRT5 antibody

PRODUCT SPECIFICATIONS

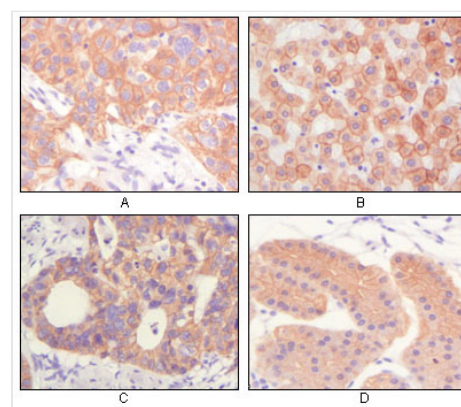
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Cytokeratin (Pan) Monoclonal Antibody detects endogenous levels of Cytokeratin (Pan) protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-KRT5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of Cytokeratin 5 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



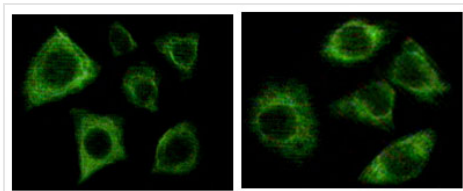
IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed Eca-109 (left) and HepG2 (right) cells showing cytoplasmic localization using Cytokeratin (Pan) Monoclonal Antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung squamous cell carcinoma (A). normal hepatocyte (B). colon adenocarcinoma (C). normal stomach tissue (D). showing cytoplasmic and membrane localization with DAB staining using Cytokeratin (Pan) M



WB (Western Blot)

Western Blot analysis using Cytokeratin (Pan) Monoclonal Antibody against truncated CK5 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT5 antibody	keratin 5(KRT5) Homo sapiens The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-KRT5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424.3
UniProt Accession #	P13647; Q6PI71; Q6UBJ0; Q8TA91
Molecular Weight	62,378 Da
NCBI Official Full Name	keratin, type II cytoskeletal 5
NCBI Official Synonym Full Names	keratin 5
NCBI Official Symbol	KRT5
NCBI Official Synonym Symbols	K5; CK5; DDD; EBS2; KRT5A
NCBI Protein Information	keratin, type II cytoskeletal 5; CK-5; cytokeratin-5; 58 kda cytokeratin; type-II keratin Kb5; epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)
UniProt Protein Name	Keratin, type II cytoskeletal 5
UniProt Gene Name	KRT5
UniProt Synonym Gene Names	CK-5; K5
UniProt Entry Name	K2C5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320030>