

Mouse CK16 Monoclonal Antibody | anti-CK16 antibody

CK16 Monoclonal Antibody (6F6)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30805	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

CK16; Monoclonal Antibody; CK16 Monoclonal Antibody (6F6); Keratin type I cytoskeletal 16; KRT16; KRT16A; Keratin; type I cytoskeletal 16; Cytokeratin-16; CK-16; Keratin-16; K16; anti-CK16 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	6F6
Specificity	The antibody detects endogenous CK16 proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-CK16 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	IHC: 1:50-200 IF: 1:50-200
Immunogen	Synthetic Peptide of CK16
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



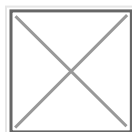
IF (Immunofluorescence)

Immunofluorescence analysis of Rat-liver tissue. 1.CK16 Monoclonal Antibody(6F6)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



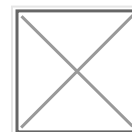
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse-lung tissue. 1.CK16 Monoclonal Antibody(6F6)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of Human-liver-cancer tissue. 1.CK16 Monoclonal Antibody(6F6)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1.CK16 Monoclonal Antibody(6F6) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1. CK16 Monoclonal Antibody(6F6) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.

**IHC (Immunohistochemistry)**

IHC staining of human gullet cancer tissue. diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CK16 antibody	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-CK16 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548.2
NCBI GenBank Nucleotide #	NM_005557.3
UniProt Accession #	P08779 ; P30654 ; Q16402 ; Q9UBG8 ; A8K488
Molecular Weight	51,268 Da
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16; CK-16; keratin-16; cytokeratin 16; cytokeratin-16; focal non-epidermolytic palmoplantar keratoderma
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16
UniProt Entry Name	K1C16_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/ck16-antibody-clone-6f6-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/30805>