

Mouse anti-Human CK1 Monoclonal Antibody | anti-CK1 antibody

CK1 Antibody

CATALOG # AAA322666	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CK1; Monoclonal Antibody; CK1 Antibody; Casein kinase 1 alpha 1; Casein kinase I isoform alpha; CK1A; CKI alpha; CKI-alpha; CKIa; Clock regulator kinase; Csnk1a1; Down regulated in lung cancer; HLCDDP1; KC1A_HUMAN; PRO2975; anti-CK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Affinity-Chromatography
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-CK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CK1 expressed in E. Coli
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Figure 1: Western blot analysis using CK1 mouse mAb against truncated CK1 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-CK1 antibody	Description: CK1 (also designated Cytokeratin 1 or KRT1), with 644-amino acid protein (about 70kDa), is a member of the keratin family. Cytokeratins play a critical role in differentiation and tissue specialization, and they function to maintain the overall structural integrity of epithelial cells. CK1 consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. CK1 is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma.
References	Wang X, Bao H, Liu X, Wang C, Hao C; Journal: Oncol Lett. Effects of endometrial stem cell transplantation combined with estrogen in the repair of endometrial injury.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303575
NCBI GeneID	1452
NCBI Accession #	NP_001020276.1
NCBI GenBank Nucleotide #	NM_001025105.2
UniProt Accession #	P48729; Q4JJA0; Q5U046; Q5U047; Q6FGA2; Q71TU5; Q96HD2; Q9UDK3; D3DQG0; D3DQG1
Molecular Weight	39 kDa
NCBI Official Full Name	casein kinase I isoform alpha isoform 1
NCBI Official Synonym Full Names	casein kinase 1 alpha 1
NCBI Official Symbol	CSNK1A1
NCBI Official Synonym Symbols	CK1; CK1a; CKIa; HLCDGP1; PRO2975; HEL-S-77p
NCBI Protein Information	casein kinase I isoform alpha
UniProt Protein Name	Casein kinase I isoform alpha
UniProt Gene Name	CSNK1A1
UniProt Synonym Gene Names	CKI-alpha

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/ck1-antibody-immunohistochemistry-western-blot-elisa/322666>