Mouse anti-Human, Rat Keratin 2 (CK2) Monoclonal Antibody | anti-CK2 antibody

Monoclonal Antibody to Keratin 2 (CK2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149526	**Mouse**	**Human, Rat**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Keratin 2 (CK2); Monoclonal Antibody; Monoclonal Antibody to Keratin 2 (CK2); KRT2A; KRT2; KRTE; Keratin 2; Keratin 2A; Keratin 2E; Epidermal Ichthyosis Bullosa Of Siemens; Keratin; type II cytoskeletal 2 epidermal; Epithelial keratin-2e; anti-CK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	D8
Specificity	The antibody is a mouse monoclonal antibody raised against CK2. It has been selected for its ability to recognize CK2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Cys7~Leu16 0
Applicable Applications for anti-CK2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Cys7~Leu160
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

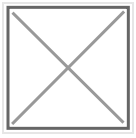
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Colon Tissue; Primary Ab: 30?g/ml Mouse Anti-Human KRT2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Rat Liver lysate; Lane2: A431 cell lysate; Lane3: HepG2 cell lysatePrimary Ab: 2?g/ml Mouse Anti-Human KRT2 AntibodySecond Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant KRT2, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK2 antibody	Tumor Immunity; Infection Immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132620
NCBI GeneID	3849
NCBI Accession #	NP_000414.2
NCBI GenBank Nucleotide #	NM_000423.2
UniProt Accession #	P35908; Q4VAQ2
Molecular Weight	65,433 Da
NCBI Official Full Name	keratin, type II cytoskeletal 2 epidermal
NCBI Official Synonym Full Names	keratin 2, type II
NCBI Official Symbol	KRT2
NCBI Official Synonym Symbols	K2e; KRTE; CK-2e; KRT2A; KRT2E
NCBI Protein Information	keratin, type II cytoskeletal 2 epidermal; cytokeratin-2e; epithelial keratin-2e; keratin-2 epidermis; type-II keratin Kb2
UniProt Protein Name	Keratin, type II cytoskeletal 2 epidermal
UniProt Gene Name	**KRT2**
UniProt Synonym Gene Names	KRT2A; KRT2E; CK-2e; K2e
UniProt Entry Name	K22E_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/keratin-2-ck2-antibody-clone-d8-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149526