

Mouse Keratin 8 (pS431) Monoclonal Antibody | anti-KRT8 antibody

Mouse Anti Keratin 8 (pS431) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71350	Mouse	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

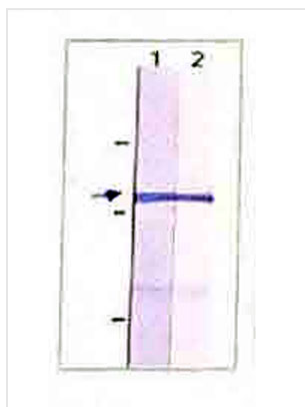
PRODUCT SYNONYMS

Keratin 8 (pS431); Monoclonal Antibody; Mouse Anti Keratin 8 (pS431) Monoclonal Antibody; CK-8; cytokeratin 8; anti-KRT8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Protein A Chromatography
Form/Format	This affinity purified antibody is supplied in Sterile Phosphate Buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-KRT8 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Antigen Preparation	A synthetic peptide derived phosphorylated serine 431 of Human cytokeratin 8.
Specificity	This antibody recognizes phosphorylated pS431 of Keratin 8. The other species are not tested.
Cellular Location	Cytoplasm
Positive Control	SW620
Preparation and Storage	The antibodies are stable for up to 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2 to 8°C for up to three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

The cell lysate derived from 1) SW620, 2) Hela cells were immunoprobed by Mouse anti-CK8(AAA71350) at 1:500. An immunoreactive band is observed around ~58kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT8 antibody	Keratins are cytoplasmic intermediate filament proteins preferentially expressed by epithelial tissues in a site-specific and differentiation-dependent manner. The complex network of keratin filaments in stratified epithelia is tightly regulated during squamous cell differentiation. Keratin 8 and 18 (K8/18) phosphorylation, such as K8 (S23, S73, S431) and K18 (S33, S52), plays a significant and site-specific role in regulating keratin filament organization, association with binding proteins, and modulation of cell cycle progression. Keratin hyperphosphorylation correlates with exposure to a variety of stresses in cultured cells and in mouse models of liver, pancreatic, and gallbladder injury, and it is found in association with mouse and human Mallory bodies. The increase of site-specific keratin phosphorylation in liver disease might be a progression marker.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	3856
Molecular Weight	58 kDa

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-8-ps431-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/71350>