

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

Anti-KHSRP Antibody Picoband (monoclonal, 4F10D2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126918	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

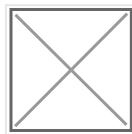
PRODUCT SYNONYMS

KHSRP; Monoclonal Antibody; Anti-KHSRP Antibody Picoband (monoclonal; 4F10D2); anti-KHSRP antibody

PRODUCT SPECIFICATIONS

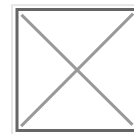
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	4F10D2
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-KHSRP antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human KHSRP recombinant protein (Position: D116-R478).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of U251 cells using anti-KHSRP antibody (AAA126918). Overlay histogram showing U251 cells stained with AAA126918 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with mouse anti-KHSRP Antibody (AAA126918, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-mouse IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was mouse IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IF (Immunofluorescence)

Figure 2. IF analysis of KHSRP using anti-KHSRP antibody (AAA126918). KHSRP was detected in an immunocytochemical section of MCF-7 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL mouse anti-KHSRP Antibody (AAA126918) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Mouse IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of KHSRP using anti-KHSRP antibody (AAA126918). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human MCF-7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-KHSRP antigen affinity purified monoclonal antibody (#AAA126918) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for KHSRP at approximately 82 kDa. The expected band size for KHSRP is at 73 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KHSRP antibody	Far upstream element-binding protein 2 is a protein that in humans is encoded by the KHSRP gene. The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization.
Product Categories/Family for anti-KHSRP antibody	Primary Antibodies , Mouse Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	313104306
NCBI GeneID	8570
UniProt Accession #	Q92945 ; O00301 ; Q59EZ9 ; Q5U4P6 ; Q9UNT5 ; Q9UQH5
Molecular Weight	711
NCBI Official Full Name	Far upstream element-binding protein 2
NCBI Official Synonym Full Names	KH-type splicing regulatory protein
NCBI Official Symbol	KHSRP
NCBI Official Synonym Symbols	FBP2; KSRP; FUBP2
NCBI Protein Information	far upstream element-binding protein 2; p75; FUSE binding protein 2; FUSE-binding protein 2; KH type-splicing regulatory protein
UniProt Protein Name	Far upstream element-binding protein 2
UniProt Gene Name	KHSRP
UniProt Synonym Gene Names	FUBP2; FUSE-binding protein 2; KSRP
UniProt Entry Name	FUBP2_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.