

Mouse anti-Human FLOT1 Monoclonal Antibody | anti-FLOT1 antibody

Mouse anti-Homo sapiens (Human) FLOT1 Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279032	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

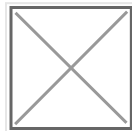
PRODUCT SYNONYMS

FLOT1; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) FLOT1 Monoclonal antibody; FLOT1 Monoclonal Antibody; FLOT 1; FLOT1_HUMAN; Flotillin-1; Flotillin1; Integral membrane component of caveolae; Reggie 2; anti-FLOT1 antibody

PRODUCT SPECIFICATIONS

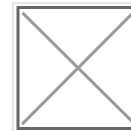
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4C8B6
Purity/Purification	>95%, Protein A purified
Form/Format	Liquid; PBS, 0.1% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-FLOT1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant FLOT1 protein (149-427AA)
Conjugation	Non-conjugated
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing HeLa cells stained with AAA279032 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



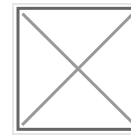
IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA279032 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



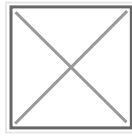
IHC (Immunohistochemisry)

IHC image of AAA279032 diluted at 1:100 and staining in paraffin-embedded human cervical cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)

IHC image of AAA279032 diluted at 1:100 and staining in paraffin-embedded human lung cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, HepG2 whole cell lysate, K562 whole cell lysate, 3T3 whole cell lysate, Jurkat whole cell lysate, Mouse brain tissueAll lanes: FLOT1 antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 48, 43 kDaObserved band size: 48 KDaExposure time?5min

NCBI AND UNIPROT INFORMATION

NCBI GI #	26006960
NCBI GeneID	10211
UniProt Accession #	O75955; Q969J8; Q9UHW1; Q9UNV8; B4DVY7
Molecular Weight	42,080 Da
NCBI Official Full Name	Flotillin-1
NCBI Official Synonym Full Names	flotillin 1
NCBI Official Symbol	FLOT1
NCBI Protein Information	flotillin-1; integral membrane component of caveolae
UniProt Protein Name	Flotillin-1
UniProt Gene Name	FLOT1
UniProt Entry Name	FLOT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/flot1-antibody-clone-4c8b6-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/279032>