

Mouse anti-Human F162A Monoclonal Antibody | anti-F162A antibody

F162A Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62383	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

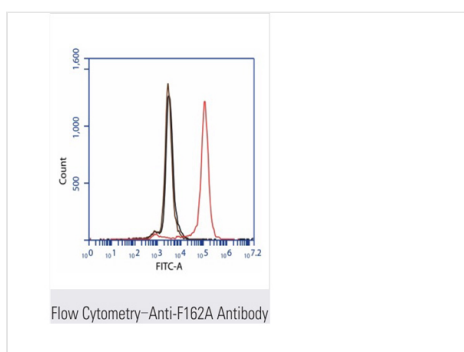
PRODUCT SYNONYMS

F162A; Monoclonal Antibody; F162A Mouse mAb; C3orf28; E2-induced gene 5 protein; E2-induced gene 5 protein homolog; E2IG5; family with sequence similarity 162; member A; Growth and transformation-dependent protein; HGTD-P; HIF-1 alpha-responsive proapoptotic molecule; Protein FAM162A; 2310056P07Rik; DC16; FAM162A; FWP001; anti-F162A antibody

PRODUCT SPECIFICATIONS

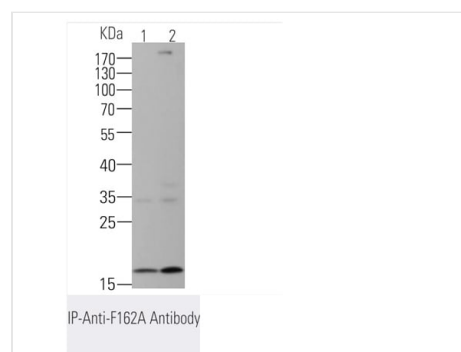
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	154
Applicable Applications for anti-F162A antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human F162A
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



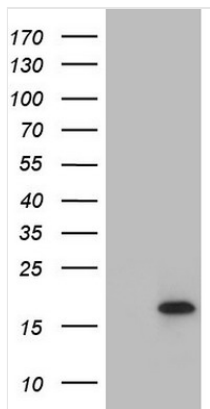
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling F162A with M25098 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

F162A was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25098 of 10 ug. Western blot was performed from the immunopre-cipitate using M25098 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 17 KDaObserved band size : 17 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-F162A antibody	Proposed to be involved in regulation of apoptosis; the exact mechanism may differ between cell types, tissues. May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition. May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus; however, the involvement of caspases has been reported conflictingly.
Product Categories/Family for anti-F162A antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	49355721
NCBI GeneID	26355
NCBI Accession #	NP_055182.3
NCBI GenBank Nucleotide #	NM_014367.3
UniProt Accession #	Q96A26; Q9NRN6; Q9UJX8
Molecular Weight	Predicted MW: 17kDa
NCBI Official Full Name	protein FAM162A
NCBI Official Synonym Full Names	family with sequence similarity 162 member A
NCBI Official Symbol	FAM162A
NCBI Official Synonym Symbols	E2IG5; HGTD-P; C3orf28
NCBI Protein Information	protein FAM162A
UniProt Protein Name	Protein FAM162A
UniProt Gene Name	FAM162A
UniProt Synonym Gene Names	C3orf28; E2IG5; HGTD-P

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.