

Mouse ANKRD53 Monoclonal Antibody | anti-ANKRD53 antibody

ANKRD53 antibody

CATALOG # AAA106241	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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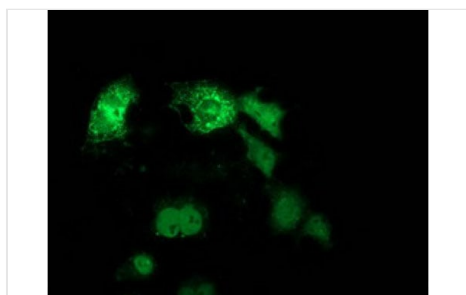
PRODUCT SYNONYMS

ANKRD53; Monoclonal Antibody; ANKRD53 antibody; Monoclonal ANKRD53; Anti-ANKRD53; Ankyrin repeat domain 53; FLJ12056; OTTHUMP00000203459; Ankyrin repeat domain-containing protein 53; ANKRD 53; ANKRD-53; anti-ANKRD53 antibody

PRODUCT SPECIFICATIONS

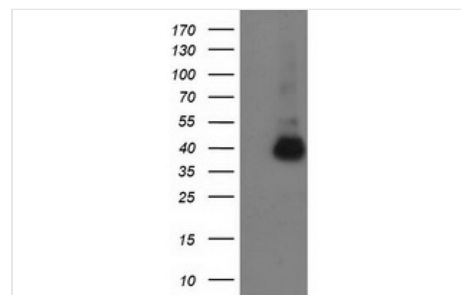
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2F3
Purity/Purification	ANKRD53 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	343
Applicable Applications for anti-ANKRD53 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Ankyrins are a family of adaptor proteins that mediate the attachment of integral membrane proteins to the spectrin-actin based membrane skeleton. Ankyrins have binding sites for the beta subunit of spectrin and at least 12 families of integral membrane proteins. This linkage is required to maintain the integrity of the plasma membranes and to anchor specific ion channels, ion exchangers and ion transporters in the plasma membrane.
Cross-Reactivity	Human
Immunogen	ANKRD53 antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 1-300 of human ANKRD53 (NP_079209) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant ANKRD53 protein using ANKRD53 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ANKRD53 protein (Right) or empty vector (Left) detected with ANKRD53 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ANKRD53 antibody	Mouse monoclonal ANKRD53 antibody
Product Categories/Family for anti-ANKRD53 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	169403957
NCBI GeneID	79998
NCBI Accession #	NP_079209
NCBI GenBank Nucleotide #	NM_024933.3
UniProt Accession #	Q8N9V6; Q8IYP8
Molecular Weight	38,200 Da
NCBI Official Full Name	ankyrin repeat domain-containing protein 53 isoform b
NCBI Official Synonym Full Names	ankyrin repeat domain 53
NCBI Official Symbol	ANKRD53
NCBI Protein Information	ankyrin repeat domain-containing protein 53
UniProt Protein Name	Ankyrin repeat domain-containing protein 53
UniProt Gene Name	ANKRD53
UniProt Entry Name	ANR53_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://www.aaabiotech.com/monoclonal/ankrd53-antibody-clone-2f3-western-blot-immunofluorescence-flow-cytometry-elisa/106241>