

Mouse anti-Human C17ORF53 Monoclonal Antibody | anti-C17ORF53 antibody

C17ORF53 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312067	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

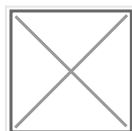
PRODUCT SYNONYMS

C17ORF53; Monoclonal Antibody; C17ORF53 Antibody; C17orf53 antibody; Chromosome 17 open reading frame 53 antibody; CQ053_HUMAN antibody; FLJ11594 antibody; Hypothetical protein LOC78995 antibody; MGC3130 antibody; Uncharacterized protein C17orf53 antibody; anti-C17ORF53 antibody

PRODUCT SPECIFICATIONS

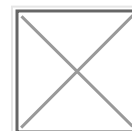
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	A9-A3
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-C17ORF53 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



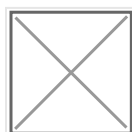
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with C17ORF53 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



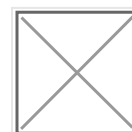
ICC (Immunocytochemistry)

ICC staining C17ORF53 (green) in HepG2 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of C17ORF53 on HEK293 (1) and C17ORF53-hlgFc transfected HEK293 (2) cell lysate using anti-C17ORF53 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of C17ORF53 on human C17ORF53 recombinant protein using anti-C17ORF53 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-C17ORF53 antibody	C17orf53 (chromosome 17 open reading frame 53) is a 647 amino acid protein that is encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1, 200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.
Product Categories/Family for anti-C17ORF53 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	284005249
NCBI GeneID	78995
NCBI Accession #	NP_001164722.1
NCBI GenBank Nucleotide #	NM_001171251.2
UniProt Accession #	Q8N3J3; Q9BWM9; Q9HAI1; A8K7A9
Molecular Weight	69.8 kDa
NCBI Official Full Name	uncharacterized protein C17orf53 isoform 2
NCBI Official Synonym Full Names	chromosome 17 open reading frame 53
NCBI Official Symbol	C17orf53
NCBI Protein Information	uncharacterized protein C17orf53
UniProt Protein Name	Uncharacterized protein C17orf53
UniProt Gene Name	C17orf53

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/c17orf53-antibody-clone-a9-a3-flow-cytometry-immunocytochemistry-western-blot-elisa/312067>