

Mouse anti-Human IF4A3 Monoclonal Antibody | anti-IF4A3 antibody

IF4A3 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62343	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

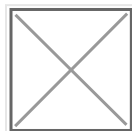
PRODUCT SYNONYMS

IF4A3; Monoclonal Antibody; IF4A3 Mouse mAb; eIF4A3 Mouse mAb; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DDX48; DEAD (Asp-Glu-Ala-Asp) box polypeptide 48; DEAD box protein 48; eIF-4A-III; eIF4A-III; Eukaryotic initiation factor 4A-III; Eukaryotic initiation factor 4A-like NUK-34; Eukaryotic translation initiation factor 4A isoform 3; eukaryotic translation initiation factor 4A; isoform 3; hNMP 265; KIAA0111; NMP 265; Nuclear matrix protein 265; anti-IF4A3 antibody

PRODUCT SPECIFICATIONS

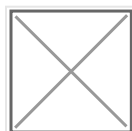
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	345
Applicable Applications for anti-IF4A3 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human IF4A3.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



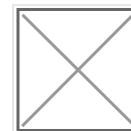
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling IF4A3 with M25227 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.



WB (Western Blot)

All lanes : IF4A3 Mouse mAb at 1/2000 dilution Lane 1 : THP1 cells membrane fraction Lane 2 : Jurkat cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 47 KDa Observed band size : 47 KDa Blocking/Dilution buffer : 1x TBST.



IP (Immunoprecipitation)

IF4A3 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25227 of 10 ug. Western blot was performed from the immunoprecipitate using M25227 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: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-IF4A3 antibody	This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a nuclear matrix protein. Its amino acid sequence is highly similar to the amino acid sequences of the translation initiation factors eIF4AI and eIF4AII, two other members of the DEAD box protein family.
Product Categories/Family for anti-IF4A3 antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	958233676
Molecular Weight	Predicted MW: 47kDa
NCBI Official Full Name	IF4A3, partial
UniProt Protein Name	IF4A3
UniProt Gene Name	IF4A3

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/if4a3-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62343>