

Mouse anti-Human NFE2L2 Monoclonal Antibody | anti-NFE2L2 antibody

Mouse anti-Homo sapiens (Human) NFE2L2 Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28068	Mouse	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

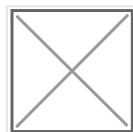
PRODUCT SYNONYMS

NFE2L2; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) NFE2L2 Monoclonal antibody; NFE2L2 Monoclonal Antibody; erythroid derived 2; HEBP1; like 2; NF E2 related factor 2; NF-E2-related factor 2; NF2L2_HUMAN; NFE2 related factor 2; NFE2-related factor 2; Nfe2l2; Nrf 2; NRF2; Nuclear factor (erythroid derived 2) like 2; Nuclear factor; nuclear factor erythroid 2 like 2; Nuclear factor erythroid 2 related factor 2; Nuclear factor erythroid 2-related factor 2; Nuclear factor erythroid derived 2 like 2; anti-NFE2L2 antibody

PRODUCT SPECIFICATIONS

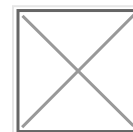
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2F6C6
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for anti-NFE2L2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1: 8000 IHC: 1:50-1:200 IF: 1:50-1:200 FC/FACS: 1:50-1:200
Immunogen Species	Human
Immunogen	Recombinant Human Nuclear factor erythroid 2-related factor 2 protein (256-605AA)
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 (Flow Cytometry)

Overlay Peak curve showing HepG2 cells stained with AAA28068 (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 (1µg/1*106cells) 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 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



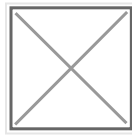
FCM (Flow Cytometry)

Overlay Peak curve showing Hela cells stained with AAA28068 (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 (1µg/1*106cells) 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 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



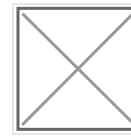
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA28068 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then 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).



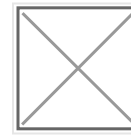
IHC (Immunohistochemistry)

IHC image of AAA28068 diluted at 1:100 and staining in paraffin-embedded human pancreatic cancer tissue performed on a Leica Bond™ 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 37°. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse IgG labeled by HRP and visualized using 0.05% DAB.



IF (Immunofluorescence)

Immunofluorescence staining of NIH/3T3 cells with AAA28068 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then 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 (Immunohistochemistry)

IHC image of AAA28068 diluted at 1:100 and staining in paraffin-embedded human breast cancer tissue performed on a Leica Bond™ 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, and detected by a Goat anti-mouse IgG polymer labeled by HRP and visualized using 0.05% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224028257
NCBI GeneID	4780
NCBI Accession #	NP_001138884.1
NCBI GenBank Nucleotide #	NM_001145412.2
UniProt Accession #	Q16236; Q53RW6; Q59HH2; Q96F71; B2RBU2; B4E338; E9PGJ7
Molecular Weight	67,827 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2 isoform 2
NCBI Official Synonym Full Names	nuclear factor (erythroid-derived 2)-like 2
NCBI Official Symbol	NFE2L2
NCBI Official Synonym Symbols	NRF2
NCBI Protein Information	nuclear factor erythroid 2-related factor 2; HEBP1; NFE2-related factor 2; NF-E2-related factor 2; nuclear factor erythroid-derived 2-like 2; nuclear factor, erythroid derived 2, like 2
UniProt Protein Name	Nuclear factor erythroid 2-related factor 2
UniProt Gene Name	NFE2L2
UniProt Synonym Gene Names	NRF2; NF-E2-related factor 2
UniProt Entry Name	NF2L2_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://stage.aaabiotech.com/monoclonal/nfe2l2-antibody-clone-2f6c6-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/28068>