

Mouse anti-Human ASH2L Monoclonal Antibody | anti-ASH2L antibody

Mouse monoclonal antibody Anti-Human ASH2L

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36379	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

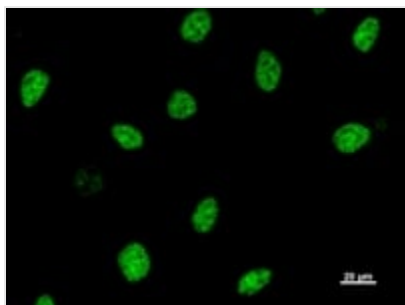
PRODUCT SYNONYMS

ASH2L; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human ASH2L; Homo sapiens ash2 (absent; small; or homeotic)-like (Drosophila) (ASH2L); ASH2; ASH2L1; ASH2L2; anti-ASH2L antibody

PRODUCT SPECIFICATIONS

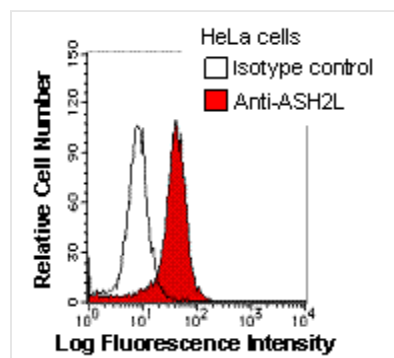
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2046D2a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2954
Applicable Applications for anti-ASH2L antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



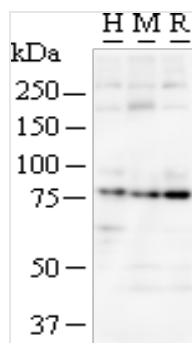
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-ASH2L mAb. [Lot No. 2046D2a-1]



FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-ASH2L mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2046D2a-1]



Quality Control #2
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.

WB (Western Blot)

Detection of ASH2L by Western blot. Samples: Whole cell lysate from human HeLa (H, 50 ug), mouse NIH3T3 (M, 50 ug) and rat F2408 (R, 50 ug) cells. [Lot No. 2046D2a-1] Predicted molecular weight: 68 kDa



Quality Control

Western blot analysis of immunized recombinant protein, using anti-ASH2L monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ASH2L antibody

Component of the Set1/Ash2 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3, but not if the neighboring 'Lys-9' residue is already methylated. May function as a transcriptional regulator. May play a role in hematopoiesis. [UniProtKB Function]

NCBI AND UNIPROT INFORMATION

NCBI GI #	387864277
NCBI GeneID	9070
NCBI Accession #	NP_004665.2
NCBI GenBank Nucleotide #	NM_004674
Molecular Weight	60,208 Da
NCBI Official Full Name	Homo sapiens ash2 (absent, small, or homeotic)-like (Drosophila) (ASH2L), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ash2 (absent, small, or homeotic)-like (Drosophila)
NCBI Official Symbol	ASH2L
NCBI Official Synonym Symbols	ASH2; Bre2; ASH2L1; ASH2L2
NCBI Protein Information	set1/Ash2 histone methyltransferase complex subunit ASH2; ASH2-like protein
UniProt Protein Name	Set1/Ash2 histone methyltransferase complex subunit ASH2
UniProt Gene Name	ASH2L

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/ash2l-antibody-clone-2046d2a-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36379>