

Mouse ILVBL Monoclonal Antibody | anti-ILVBL antibody

ILVBL antibody

CATALOG # AAA107227	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

PRODUCT SYNONYMS

ILVBL; Monoclonal Antibody; ILVBL antibody; Monoclonal ILVBL; Anti-ILVBL; ilvB bacterial acetolactate synthase like; AHAS; 209L8; ILV2H; IlvB-like protein; anti-ILVBL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	8A12
Purity/Purification	ILVBL 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	632
Applicable Applications for anti-ILVBL antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	ILVBL shares similarity with several thiamine pyrophosphate-binding proteins identified in bacteria, yeast, and plants. The highest degree of similarity is found with bacterial acetolactate synthases (AHAS), which are enzymes that catalyze the first step in branched-chain amino acid biosynthesis.
Cross-Reactivity	Human, Rat, Monkey
Immunogen	ILVBL antibody was raised in mouse using a full length recombinant protein of human ILVBL (NP_006835) produced in HEK293T cells, 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 ILVBL protein using ILVBL antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of ILVBL protein in paraffin embedded Adenocarcinoma of Human breast tissue using ILVBL antibody



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ILVBL antibody	Mouse monoclonal ILVBL antibody
Product Categories/Family for anti-ILVBL antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361361
NCBI GeneID	10994
NCBI Accession #	NP_006835
NCBI GenBank Nucleotide #	NM_006844.3
UniProt Accession #	A1L0T0 ; O43341 ; Q96F08 ; Q99651 ; Q9BWN5 ; Q9UEB2
Molecular Weight	67,868 Da
NCBI Official Full Name	acetolactate synthase-like protein
NCBI Official Synonym Full Names	ilvB (bacterial acetolactate synthase)-like
NCBI Official Symbol	ILVBL
NCBI Official Synonym Symbols	AHAS; 209L8; ILV2H
NCBI Protein Information	acetolactate synthase-like protein
UniProt Protein Name	Acetolactate synthase-like protein
UniProt Gene Name	ILVBL
UniProt Synonym Gene Names	AHAS
UniProt Entry Name	ILVBL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ilvbl-antibody-clone-8a12-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107227>