

Mouse anti-Human IL34 Antibody | anti-IL34 antibody

IL34 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108654	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

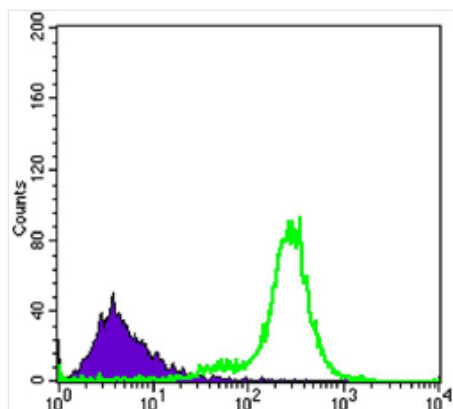
PRODUCT SYNONYMS

IL34; IL34 Antibody; IL-34; C16orf77; MGC34647; anti-IL34 antibody

PRODUCT SPECIFICATIONS

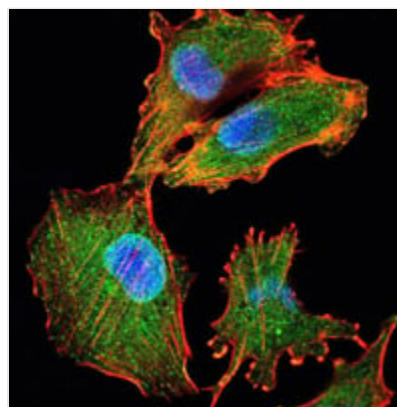
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	1D12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	241
Applicable Applications for anti-IL34 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human IL34 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



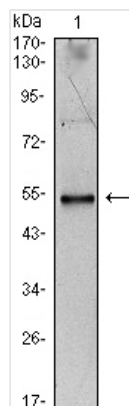
FCM/FACS (Flow Cytometry)

Figure 3. Flow cytometric analysis of K562 cells using IL34 mouse mAb (green) and negative control (purple).



IF (Immunofluorescence)

Figure 2. Immunofluorescence analysis of U251 cells using IL34 mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye. Red. Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1. Western blot analysis using IL34 mAb against IL34-hlgFc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-IL34 antibody	Cytokine that promotes the differentiation and viability of monocytes and macrophages. Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R. Tissue specificity. Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.
Product Categories/Family for anti-IL34 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	289666750
NCBI GeneID	146433
NCBI Accession #	NP_001166242.1
NCBI GenBank Nucleotide #	NM_001172771.1
UniProt Accession #	Q6ZMJ4; Q8N6L2; B2RC28; B2Z4A8; B2ZC70
Molecular Weight	27.5kDa
NCBI Official Full Name	interleukin-34 isoform 2
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	IL-34; C16orf77
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	C16orf77; IL-34

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/mouse-human-antibody/il34/108654>