

Mouse anti-Human, Mouse IL25 / IL17E Monoclonal Antibody | anti-IL25 antibody

Mouse Monoclonal [clone 68C1039.2] (IgG1) to Human IL25 / IL17E

CATALOG # AAA12340	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

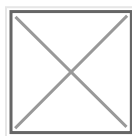
IL25 / IL17E; Monoclonal Antibody; Mouse Monoclonal [clone 68C1039.2] (IgG1) to Human IL25 / IL17E; Anti-IL25 / IL17E Antibody (aa115-132; clone 68C1039.2) IHC-plus; IL25; Interleukin 17E; Interleukin 25; Interleukin-25; IL17E; IL-17E; IL-25; Interleukin-17E; Human IL25; anti-IL25 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	68C1039.2
Specificity	A synthetic peptide of amino acids 115-132, obtained from the human IL-17E protein sequence, was used as immunogen
Purity/Purification	Protein G Purified
Form/Format	PBS with 0.05% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	177
Applicable Applications for anti-IL25 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P (10 ug/ml), WB (2-4 ug/ml) Optimal dilution to be determine by the researcher.
Immunogen Species	IL25 / IL17E antibody was raised against Human
Usage	Immunohistochemistry: was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody , followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration was determined to be 10 ug/ml.
Immunogen Type	Synthetic peptide
Immunogen	IL25 / IL17E antibody was raised against synthetic peptide from human IL25 / IL-25.
Epitope	aa115-132
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech, Inc. makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Short term: Store at 4°C. Long term: aliquot and store at -20C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Anti-IL-25 antibody IHC of human adrenal cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL25 antibody	Family: Interleukin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12232485
NCBI GeneID	64806
NCBI Accession #	NP_073626.1
NCBI GenBank Nucleotide #	NM_022789.3
UniProt Accession #	Q9H293; Q2M3F0; Q8IZV3; Q8WXB0
NCBI Official Full Name	interleukin-25 isoform 1
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17E
NCBI Protein Information	interleukin-25; interleukin-17E
UniProt Protein Name	Interleukin-25
UniProt Gene Name	IL25
UniProt Synonym Gene Names	IL17E; IL-25; IL-17E
UniProt Entry Name	IL25_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/il25-il17e-antibody-clone-68c1039-2-immunohistochemistry-western-blot-elisa/12340>