

IL25 Polyclonal Antibody

Catalog No: #31486

Package Size: #31486-1 50ul #31486-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	IL25 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human IL25 (NP_073626.1).
Other Names	IL25; IL17E; interleukin-25;IL-25
Accession No.	Swiss-Prot#:Q9H293NCBI Gene ID:64806
Uniprot	Q9H293
GeneID	64806;
Calculated MW	24kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

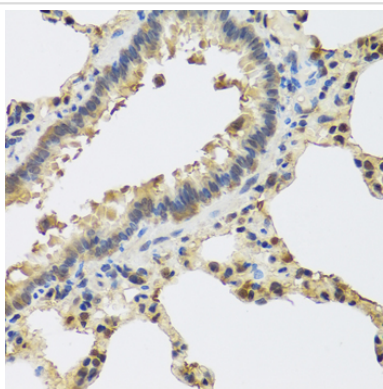
Application Details

WB□1:500 - 1:2000

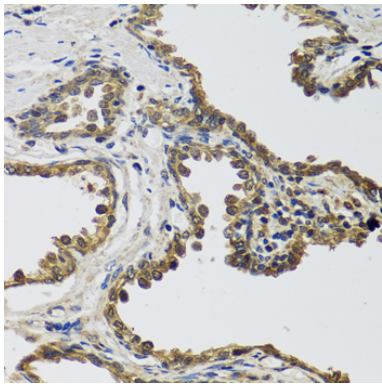
IHC□1:50 - 1:100

IF□1:50 - 1:200

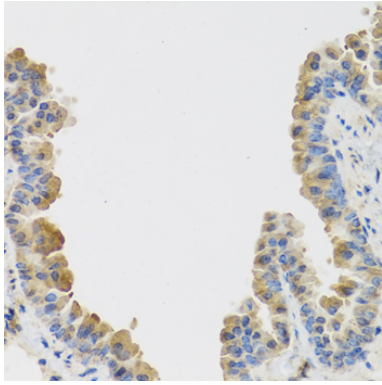
Images



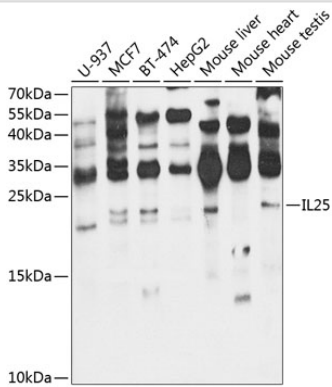
Immunohistochemistry of paraffin-embedded rat lung using IL25 at dilution of 1:100 (40x lens).



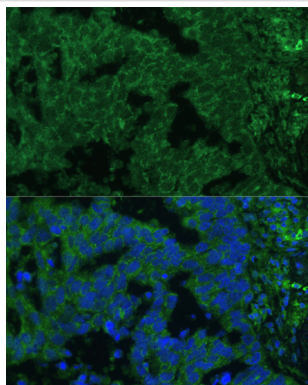
Immunohistochemistry of paraffin-embedded human prostate using IL25 at dilution of 1:100 (40x lens).



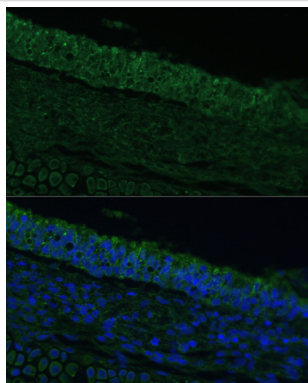
Immunohistochemistry of paraffin-embedded mouse lung using IL25 at dilution of 1:100 (40x lens).



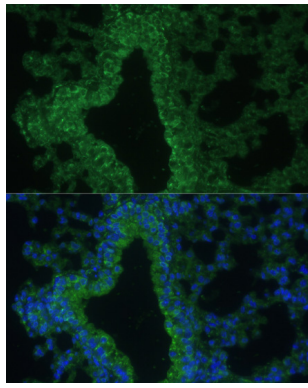
Western blot analysis of extracts of various cell lines, using IL25 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



Immunofluorescence analysis of human lung cancer cells using IL25 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat bronchus cells using IL25 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse lung cells using IL25 at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only