

IL-25 polyclonal antibody

Catalog: BS31149

Host: Rabbit

Reactivity: Human

BackGround:

Interleukin-25: Cytokine produced by various cells such as eosinophils, T-helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production . Promotes and augments T-helper type 2 responses locally or systemically . Exerts its activity via its receptor composed of IL17RA and IL17RB for signal transduction (By similarity). In turn, stimulates the JAK2-STAT5A pathway and promotes the secretion of type-2 associated cytokines including IL4, IL9 and IL13 . Also induces the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways . Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~20.3 kDa

Swiss-Prot:

Q9H293

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/ICC (1/100 - 1/500)

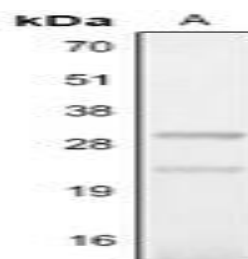
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

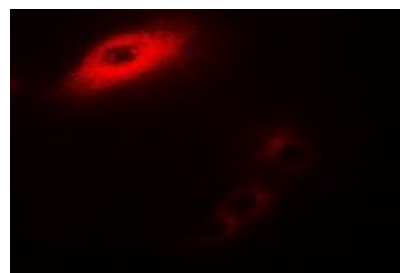
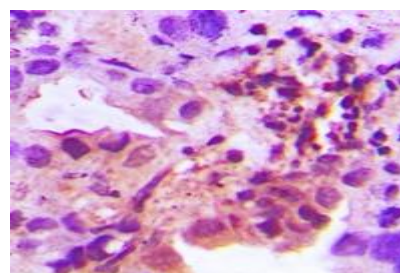
Specificity:

Recognizes endogenous levels of IL-25 protein.

DATA:



Western blot analysis of BCL2 expression in mouse spleen (A) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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