

IL-9R (L514) polyclonal antibody

Catalog: BS1669

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Human Interleukin 9 (IL9) was first identified based on its proliferative activity on a human myeloid leukemic cell line. Human IL9 stimulates the proliferation of the human megakaryocytic leukemic cell line M07e. Human IL9 supports erythroid colony formation and synergizes with IL4 in the production of IgE and IgG. The interleukin 9 receptor is a member of the hematopoietin receptor superfamily. The cDNAs encoding mouse and human IL9 receptors have been isolated. The deduced mouse and human transmembrane proteins, sharing 53% amino acid sequence identity, contain 468 and 533 amino acid residues, respectively. A number of isoforms of IL9R, including a putative soluble form, have also been identified. The IL9 receptor is expressed in a variety of hematopoietic cells including T cells, neutrophils, mast cells, and macrophages.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q01113

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

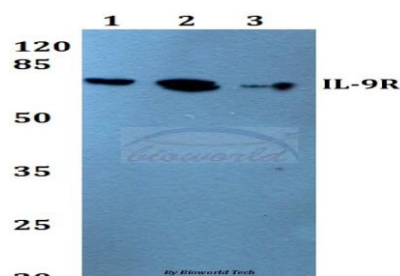
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

IL-9R (L514) polyclonal antibody detects endogenous levels of IL-9R protein.

DATA:

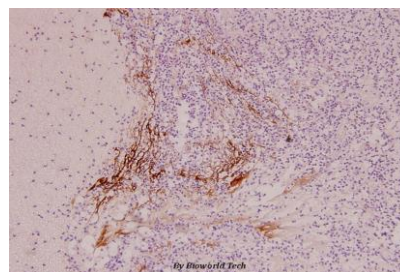


Western blot (WB) analysis of IL-9R (L514) polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: A549 whole cell lysate

Lane3: H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of IL-9R (L514) pAb in paraffin-embedded human liver carcinoma tissue at 1:100.

Note:

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

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