

**IL7R (Q445) polyclonal antibody**

Catalog: BS2639

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The biological effects of IL7 are mediated by the binding of IL7 to the specific cell surface receptor. The functional high-affinity IL7 receptor consists of an alpha chain and a gamma chain. Both IL7R alpha and IL7R gamma are members of the hematopoietin receptor superfamily. IL7R alpha cDNA encodes a precursor protein containing a signal peptide, an extracellular ligand binding domain, a transmembrane region, and a cytoplasmic region. IL7R alpha transcripts have been observed in spleen, thymus, fetal liver, developing T cells, B cells, mature T cells, and bone marrow derived macrophages.

Product:

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

Molecular Weight:

~ 52 kDa

Swiss-Prot:

P16871

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:

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:

IL7R (Q445) polyclonal antibody detects endogenous levels of IL7R protein.

DATA:**Note:**

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

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