




Product datasheet

Anti-IL-2 Receptor alpha antibody - N-terminal ab191144

Overview

Product name	Anti-IL-2 Receptor alpha antibody - N-terminal
Description	Rabbit polyclonal to IL-2 Receptor alpha - N-terminal
Host species	Rabbit
Specificity	No cross reactivity with other proteins.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Cat, Chimpanzee, Rhesus monkey 
Immunogen	Synthetic peptide corresponding to Human IL-2 Receptor alpha aa 39-57 (N terminal). Sequence: MAYKEGTMLNCECKRGFRR Database link: P01589 (Peptide available as ab228456)  Run BLAST with  Run BLAST with

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab191144** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 31 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Receptor for interleukin-2.
Involvement in disease	Genetic variations in IL2RA are associated with susceptibility to diabetes mellitus insulin-dependent type 10 (IDDM10) [MIM:601942]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical features are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.
Sequence similarities	Contains 2 Sushi (CCP/SCR) domains.
Cellular localization	Membrane.

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