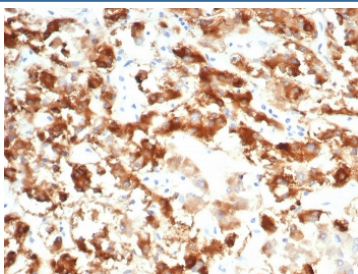


Interleukin 18 receptor alpha Antibody / IL18R1 [clone IL18R1/7592] (V4903)

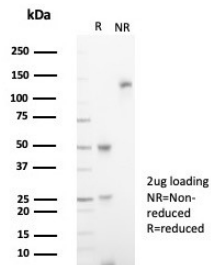
Catalog No.	Formulation	Size
V4903-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4903-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4903SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IL18R1/7592
Purity	Protein A/G affinity
UniProt	Q13478
Localization	Membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Interleukin 18 receptor alpha antibody is available for research use only.



IHC staining of FFPE human adrenal gland tissue with Interleukin 18 receptor alpha antibody (clone IL18R1/7592). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Interleukin 18 receptor alpha antibody (clone IL18R1/7592) as confirmation of integrity and purity.

Description

Interleukin-18 (IL-18) has been identified as a molecule that induces IFN-Gamma production and enhances NK cell cytotoxicity. IL-18 receptor (IL-18R) is a type I membrane protein present in lung, leukocytes, spleen, liver, thymus, prostate, small intestine, colon, placenta and heart, and absent from brain, skeletal muscle, pancreas and kidney. IL-18R is present in Hodgkin s disease cell lines, and does not bind IL-1alpha or IL-1beta. The association of IL-18 to IL-18R leads to activation of NFkB. At present two subunits of IL-18R have been characterized: IL-18RAalpha and IL-18Rbeta. IL-18Ralpha has been described as the ligand-binding chain and IL-18Rbeta as the signal-transduction chain.

Application Notes

Optimal dilution of the Interleukin 18 receptor alpha antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 1-200) from the human protein was used as the immunogen for the Interleukin 18 receptor alpha antibody.

Storage

Aliquot the Interleukin 18 receptor alpha antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.