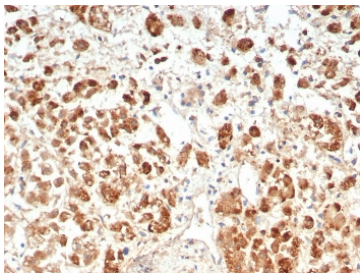
IL-18R alpha Antibody / IL18R1 [clone IL18R1/7593] (V4904)

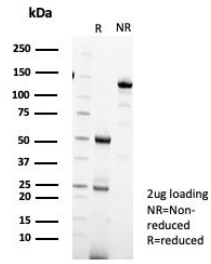
Catalog No.	Formulation	Size
V4904-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4904-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4904SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	IL18R1/7593
Purity	Protein A/G affinity
UniProt	Q13478
Localization	Membrane
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This IL-18R alpha antibody is available for research use only.



IHC staining of FFPE human adrenal gland tissue with IL-18R alpha antibody (clone IL18R1/7593). 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 IL-18R alpha antibody (clone IL18R1/7593) 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-18RAlpha 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 IL-18R 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 IL-18R alpha antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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