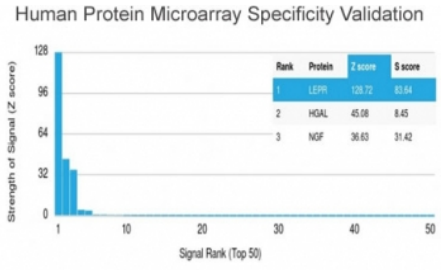
Leptin Receptor Antibody / LEPR / Ob-R [clone LEPR/4301] (V9168)

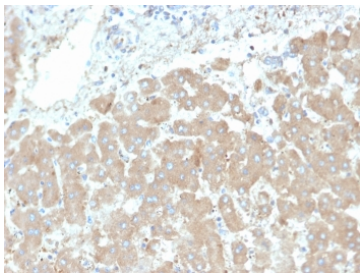
Catalog No.	Formulation	Size
V9168-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9168-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9168SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

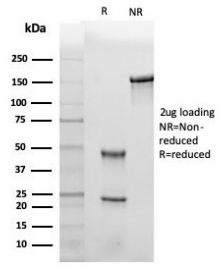
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	LEPR/4301
Purity	Protein A/G affinity
UniProt	P48357
Localization	Secreted, Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Leptin Receptor antibody is available for research use only.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Leptin Receptor antibody (clone LEPR/4301). These results demonstrate the foremost specificity of the LEPR/4301 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of human liver tissue with Leptin Receptor antibody (clone LEPR/4301). 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 Leptin Receptor antibody (clone LEPR/4301) as confirmation of integrity and purity.

Description

The Ob gene encodes the protein leptin. The leptin receptor, designated Ob-R, has been shown to be a single membrane-spanning receptor that most resembles the gp130 signal transducing component of the IL-6, G-CSF and LIF receptor.

Application Notes

Optimal dilution of the Leptin Receptor antibody should be determined by the researcher.

Immunogen

A portion of amino acids 335-425 was used as the immunogen for the Leptin Receptor antibody.

Storage

Aliquot the Leptin Receptor 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