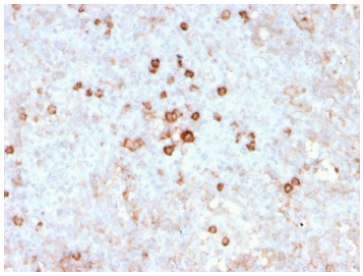
Recombinant CD14 Antibody rLPSR/2408 / Recombinant Mouse MAb [clone rLPSR/2408] (V8222)

Catalog No.	Formulation	Size
V8222-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8222-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8222SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

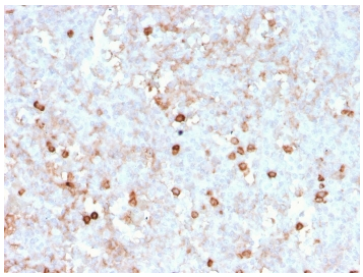
Recombinant MOUSE MONOCLONAL

Bulk quote request

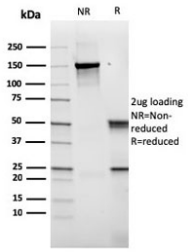
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rLPSR/2408
Purity	Protein G affinity chromatography
UniProt	P08571
Localization	Cell surface, Secreted, Cytoplasmic (Golgi)
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant CD14 Antibody rLPSR/2408 is available for research use only.



IHC staining of FFPE human spleen with Recombinant CD14 Antibody rLPSR/2408. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human spleen with recombinant CD14 antibody (clone rLPSR/2408). 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 recombinant CD14 antibody (clone rLPSR/2408) as confirmation of integrity and purity.

Description

Recombinant CD14 Antibody rLPSR/2408 recognizes a protein of 55kDa, identified as CD14 (also known lipopolysaccharide receptor). CD14 is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation.

For an alternative antibody targeting the same monocyte and macrophage surface marker, see our CD14 Antibody LPSR/2385, a mouse monoclonal antibody featuring IHC, western blot, flow cytometry, and protein microarray validation.

Application Notes

Optimal dilution of the Recombinant CD14 Antibody rLPSR/2408 should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 25-148) was used as the immunogen for this Recombinant CD14 Antibody rLPSR/2408.

Storage

Store the recombinant CD14 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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