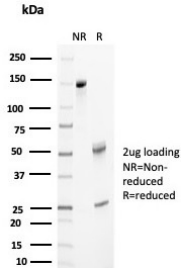
APO-J Antibody / Apolipoprotein J / Clusterin [clone CLU/4733] (V9387)

Catalog No.	Formulation	Size
V9387-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9387-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9387SAF-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 IgG2b, kappa
Clone Name	CLU/4733
Purity	Protein A/G affinity
UniProt	P10909
Localization	Nucleus, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This APO-J antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free APO-J antibody (clone CLU/4733) as confirmation of integrity and purity.

Description

Clusterin, also designated complement lysis inhibitor (CLI), apolipoprotein J (APOJ), sulfated glycoprotein 2 (SGP2), SP40 and testosterone-repressed prostate message 2 (TRPM2), is a secretory, heterodimeric glycoprotein that influences

immune regulation, cell adhesion, transformation, lipid transportation, tissue remodeling, membrane recycling and cell-cell interactions. Clusterin is synthesized as a 449 amino acid polypeptide that is post-translationally cleaved at an internal bond between Arg 227 and Ser 228. The beta subunit corresponds to residues 23-227. The alpha subunit corresponds to residues 228-449. Overexpression of Clusterin appears to be more common in late stages of mammary tumor progression. Clusterin markedly influences Amyloid structure and neuritic toxicity in vivo and may influence Alzheimer s pathogenesis.

Application Notes

Optimal dilution of the APO-J antibody should be determined by the researcher.

Immunogen

A portion of amino acids 185-287 was used as the immunogen for the APO-J antibody.

Storage

Aliquot the APO-J antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.