

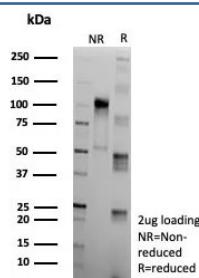
Recombinant Apolipoprotein J Antibody / Clusterin / CLU [clone CLU/9192R] (V5461)

Catalog No.	Formulation	Size
V5461-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5461-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5461SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CLU/9192R
Purity	Protein A/G affinity
UniProt	P10909
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Apolipoprotein J antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant Apolipoprotein J antibody (clone CLU/9192R) 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. Two subunits, alpha and beta, are associated through disulfide bonds. The Clusterin beta subunit (also called ApoJ-alpha) corresponds to residues 23-227. The alpha subunit (also called ApoJ-beta) corresponds to residues 228-449. Overexpression of Clusterin appears to be more common in late stages of mammary tumor progression. Clusterin markedly influences b-Amyloid structure and neuritic toxicity in vivo and may influence Alzheimer's pathogenesis.

Application Notes

Optimal dilution of the recombinant Apolipoprotein J antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 410-440) of human Clusterin protein was used as the immunogen for the recombinant Apolipoprotein J antibody.

Storage

Aliquot the recombinant Apolipoprotein J antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.