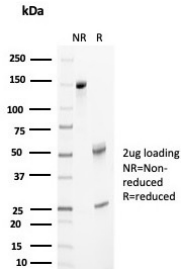
# APO-J Antibody / Apolipoprotein J / Clusterin [clone CLU/4733] (V9387)

| 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 |
| **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.