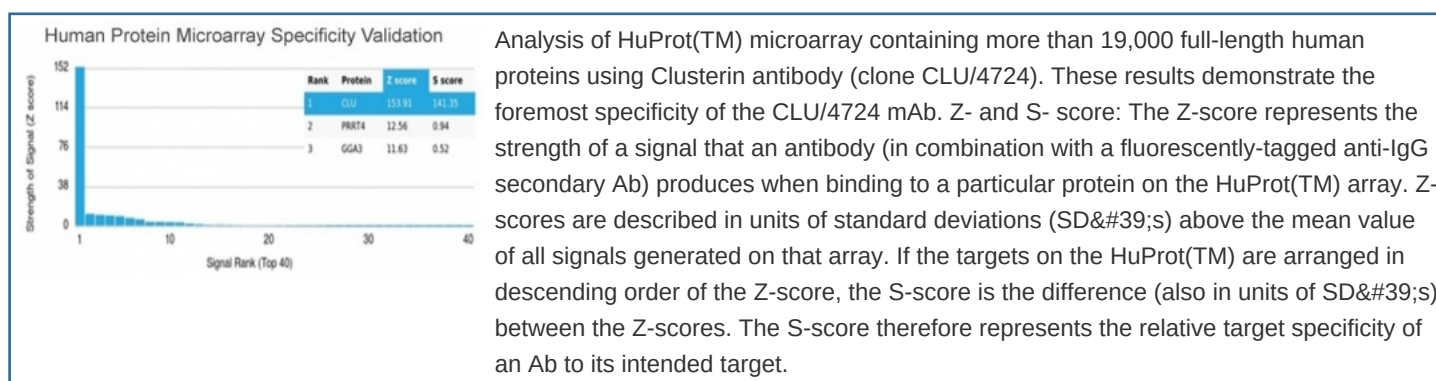


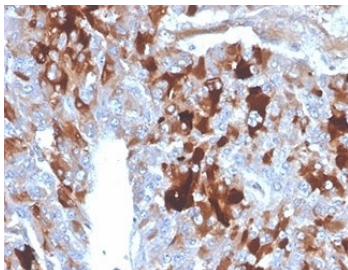
## Clusterin Antibody [clone CLU/4724] (V4007)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V4007-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4007-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4007SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

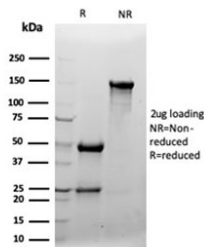
[Bulk quote request](#)

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                           |
| <b>Species Reactivity</b> | Human                                                       |
| <b>Format</b>             | Purified                                                    |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                   |
| <b>Isotype</b>            | Mouse IgG1, kappa                                           |
| <b>Clone Name</b>         | CLU/4724                                                    |
| <b>Purity</b>             | Protein A/G affinity                                        |
| <b>UniProt</b>            | P10909                                                      |
| <b>Localization</b>       | Nucleus, Cytoplasm                                          |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml                      |
| <b>Limitations</b>        | This Clusterin antibody is available for research use only. |





IHC staining of FFPE human adrenal gland tissue with Clusterin antibody (clone CLU/4724). 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 Clusterin antibody (clone CLU/4724) 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, -Amyloid structure and neuritic toxicity in vivo and may influence Alzheimer s pathogenesis.

## Application Notes

Optimal dilution of the Clusterin antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 150-300 from the human CLU protein was used as the immunogen for the Clusterin antibody.

## Storage

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