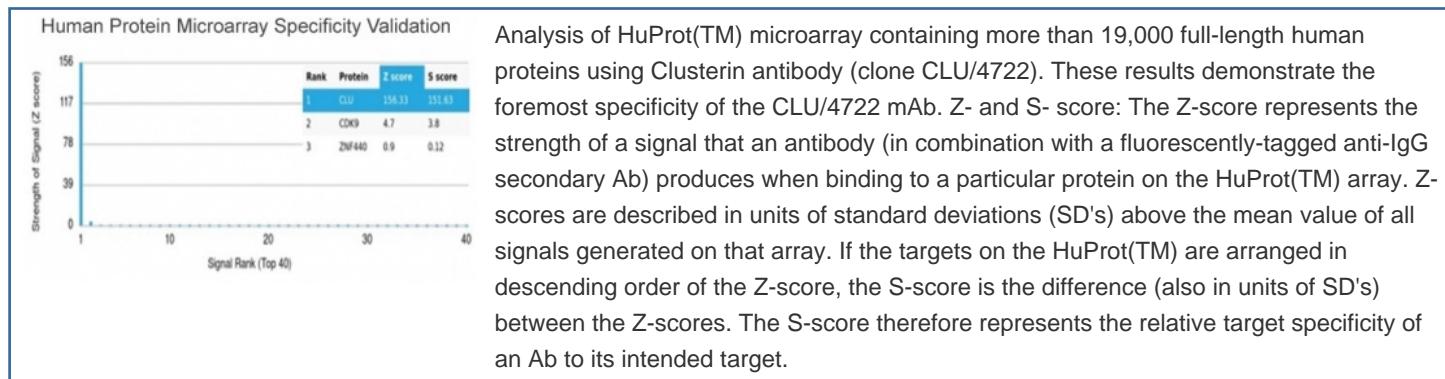


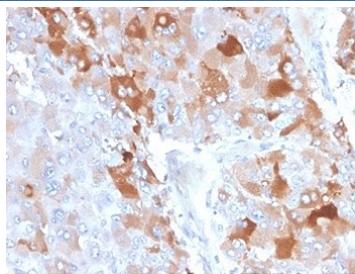
## Clusterin Antibody / Apolipoprotein J / APO-J [clone CLU/4722] (V4049)

Catalog No.	Formulation	Size
V4049-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4049-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4049SAF-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/4722
Purity	Protein A/G affinity
UniProt	P10909
Localization	Cytoplasm, nucleus
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Clusterin antibody is available for research use only.





IHC staining of FFPE human adrenal gland with Clusterin antibody (clone CLU/4722).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## 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 -20°C or colder. Avoid repeated freeze-thaw cycles.