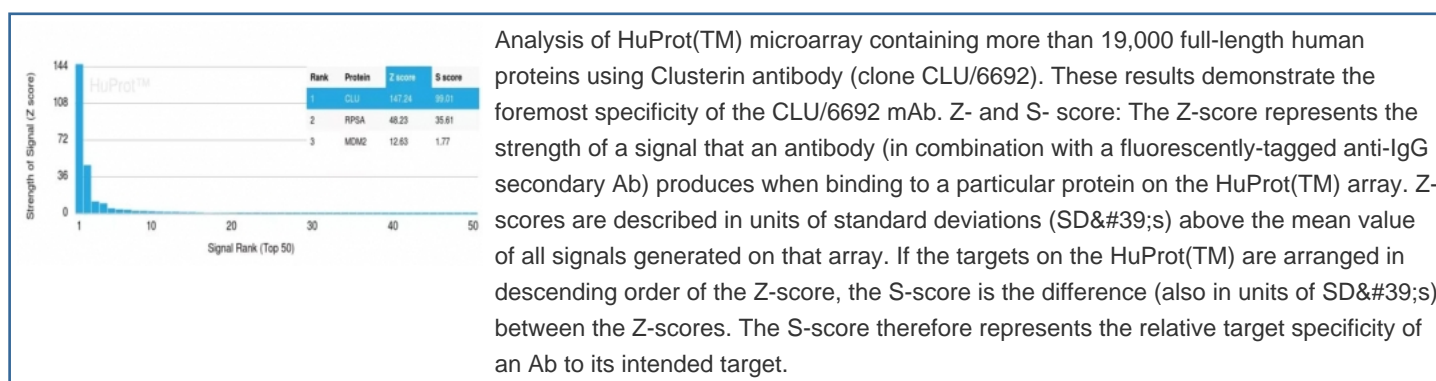


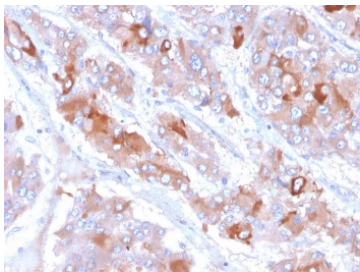
Clusterin Antibody / Apolipoprotein J / APO-J [clone CLU/6692] (V5842)

Catalog No.	Formulation	Size
V5842-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5842-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5842SAF-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/6692
Purity	Protein G affinity
UniProt	P10909
Localization	Cytoplasm, Secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Clusterin antibody is available for research use only.





IHC staining of FFPE human adrenal gland tissue with Clusterin antibody (clone CLU/6692). 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, α^1 and α^2 , are associated through disulfide bonds. The α^2 subunit (also called ApoJ α^2) corresponds to residues 23-227. The α^1 subunit (also called ApoJ α^1) corresponds to residues 228-449. Overexpression of Clusterin appears to be more common in late stages of mammary tumor progression. Clusterin markedly influences α^2 -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.

Storage

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