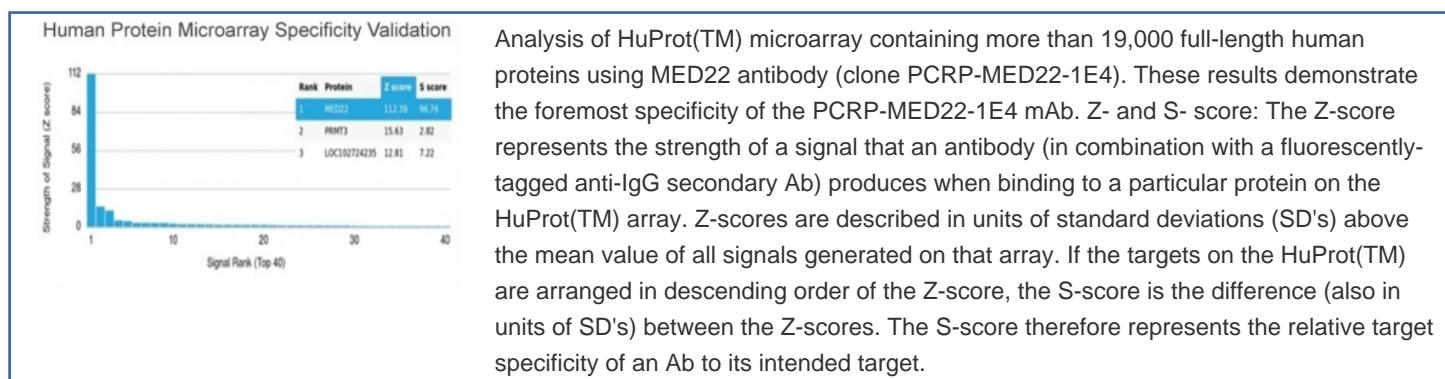


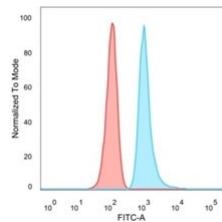
MED22 Antibody [clone PCRP-MED22-1E4] (V9732)

Catalog No.	Formulation	Size
V9732-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9732-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9732SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

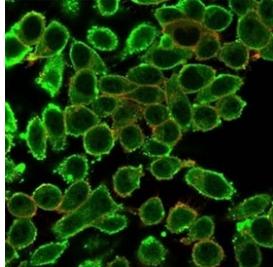
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2c
Clone Name	PCRP-MED22-1E4
Purity	Protein A/G affinity
UniProt	Q15528
Localization	Nucleus
Applications	ELISA (order BSA-free Format For Coating) : Immunofluorescence : 0.5-2ug/ml Flow Cytometry : 0.5-2ug/million cells Western Blot : 1-2ug/ml
Limitations	This MED22 antibody is available for research use only.

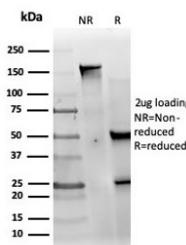




FACS staining of PFA-fixed human HeLa cells with MED22 antibody (blue, clone PCRP-MED22-1E4), and unstained cells (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using MED22 antibody (green, clone PCRP-MED22-1E4) and phalloidin (red).



SDS-PAGE analysis of purified, BSA-free MED22 antibody (clone PCRP-MED22-1E4) as confirmation of integrity and purity.

Description

Med22 is a subunit of the RNA polymerase II (Pol II) transcriptional mediator complex. The mediator complex is a coactivator involved in the regulated transcription of Pol II-dependent genes. Functioning as a bridge to convey information from gene-specific regulatory proteins to the basal Pol II transcription machinery, the mediator complex is recruited to promoter regions by directly interacting with regulatory proteins. The mediator complex also serves as a scaffold for the assembly of a functional pre-initiation complex with Pol II and other general transcription factors. Med22 (mediator complex subunit 22), also known as SURF5 (surfeit locus protein 5), is a ubiquitously expressed 200 amino acid nuclear protein that is one of several components of the mediator complex. There are two isoforms of Med22 that are produced as a result of alternative splicing events.

Application Notes

Optimal dilution of the MED22 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the MED22 antibody.

Storage

Aliquot the MED22 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

