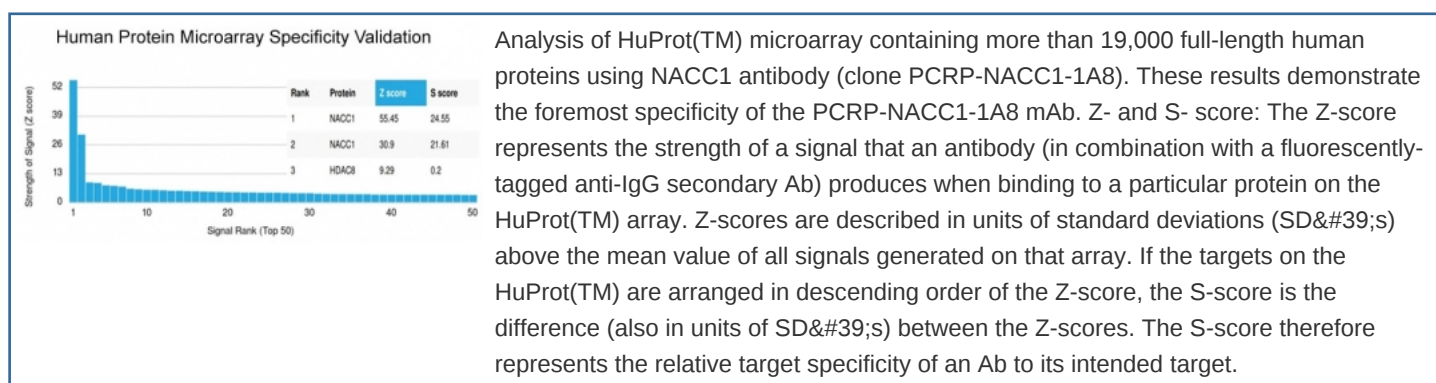


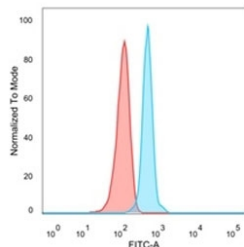
NACC1 Antibody / Nac1 / BTBD14B [clone PCRP-NACC1-1A8] (V9183)

Catalog No.	Formulation	Size
V9183-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9183-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9183SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

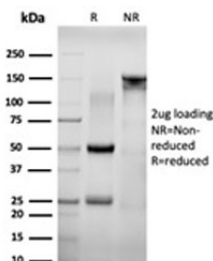
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-NACC1-1A8
Purity	Protein A/G affinity
UniProt	Q96RE7
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells
Limitations	This NACC1 antibody is available for research use only.





FACS staining of PFA-fixed human HeLa cells with NACC1 antibody (blue, clone PCRP-NACC1-1A8), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free NACC1 antibody (clone PCRP-NACC1-1A8) as confirmation of integrity and purity.

Description

The BTB (broad-complex, tramtrack and bric a brac) domain, also known as the POZ (poxvirus and zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. BTBD14B (BTB/POZ domain-containing protein 14B), also known as NACC1 (nucleus accumbens associated 1), BEND8 or NAC1, is a 527 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one BTB (POZ) domain. Existing as a homo-oligomer that interacts with HDAC3 and HDAC4, BTBD14B functions as a transcriptional repressor that influences the transcriptional activity of CRIF1 and is required for proteasome recruitment to the nucleus and cytoplasm in dendritic spines. BTBD14B is overexpressed in multiple carcinomas, suggesting a role in tumor development and metastasis.

Application Notes

Optimal dilution of the NACC1 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human NACC1 protein was used as the immunogen for the NACC1 antibody.

Storage

Aliquot the NACC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.