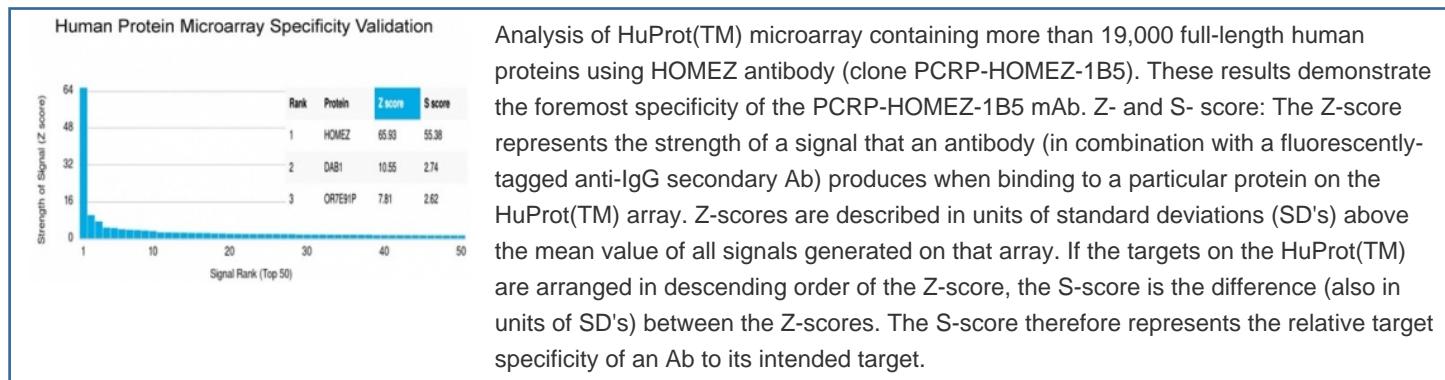


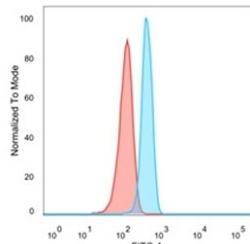
HOMEZ Antibody [clone PCRP-HOMEZ-1B5] (V9211)

Catalog No.	Formulation	Size
V9211-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9211-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9211SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

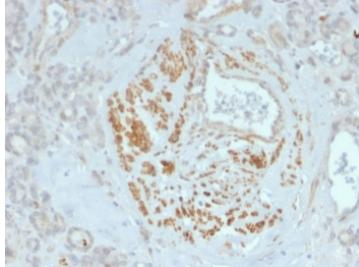
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-HOMEZ-1B5
Purity	Protein A/G affinity
UniProt	Q8IX15
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This HOMEZ antibody is available for research use only.

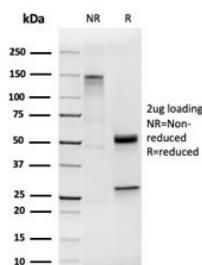




FACS staining of PFA-fixed human HeLa cells with HOMMZ antibody (blue, clone PCRP-HOMMZ-1B5), and isotype control (red).



IHC staining of FFPE human breast tissue with HOMMZ antibody (clone PCRP-HOMMZ-1B5). 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 HOMMZ antibody (clone PCRP-HOMMZ-1B5) as confirmation of integrity and purity.

Description

Homeodomain-containing proteins function as transcription factors that typically switch on cascades of other genes. Usually homeodomain proteins act in the promoter region of their target genes as complexes with other transcription factors, leading to much higher target specificity than a single homeodomain protein. HOMMZ (Homeobox and leucine zipper protein) is a 525 amino acid nuclear protein that contains 3 atypical homeodomains, 2 leucine zipper-like motifs, proline and serine-rich motifs and an acidic domain. Within homeodomain 2, it contains a putative nuclear localization signal. HOMMZ shares significant sequence similarity with mouse ZHX1 and sequences that are homologous to HOMMZ are restricted to vertebrates. Likely functioning as a transcription regulator, HOMMZ is ubiquitously expressed with highest levels found in ovary, testis, kidney, fetal lung and kidney.

Application Notes

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

Immunogen

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

Storage

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

