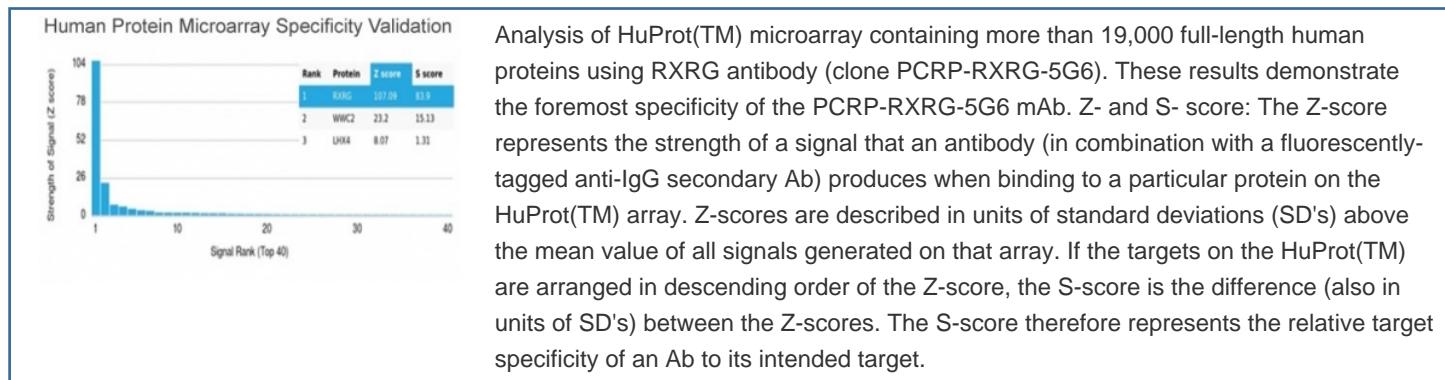


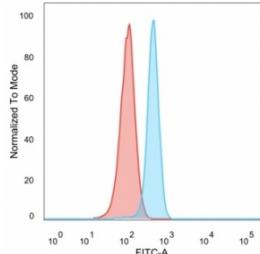
RXRG Antibody / RXR gamma [clone PCRP-RXRG-5G6] (V9729)

Catalog No.	Formulation	Size
V9729-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9729-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9729SAF-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
Clone Name	PCRP-RXRG-5G6
Purity	Protein A/G affinity
UniProt	P48443
Localization	Nucleus
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells
Limitations	This RXRG antibody is available for research use only.





FACS staining of PFA-fixed human HeLa cells with RXRG antibody (blue, clone PCRP-RXRG-5G6) and isotype control (red).

Description

Two families of retinoid receptors, RARs and RXRs, have been identified. Retinoic acid receptors (RARs) include RAR α , RAR β and RAR γ , each of which have a high affinity for all trans-retinoic acids and belong to the same class of nuclear transcription factors as thyroid hormone receptors, vitamin D3 receptor and ecdysone receptor. The ligand-binding domains of the RARs are highly conserved and RAR isoforms are expressed in distinct patterns throughout development and in the mature organism. Members of the retinoid X receptor (RXR) family, RXR, are activated by 9-cis-RA, a stereo- and photo-isomer of all trans-RA that is expressed in vivo in both liver and kidney and may represent a widely used hormone. As is true for the RAR subfamily, the RXR receptors are closely related to each other both in their DNA-binding and ligand-binding domains and are encoded by separate genes at distinct chromosomal loci.

Application Notes

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

Immunogen

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

Storage

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