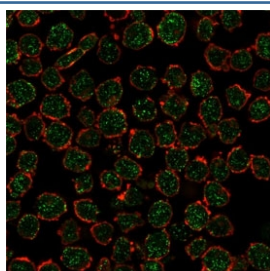


RXRB Antibody / RXR beta [clone PCRP-RXRB-2B6] (V9240)

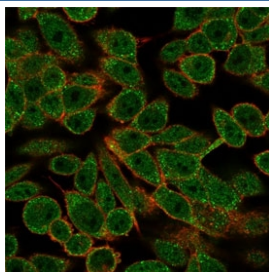
Catalog No.	Formulation	Size
V9240-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9240-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9240SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

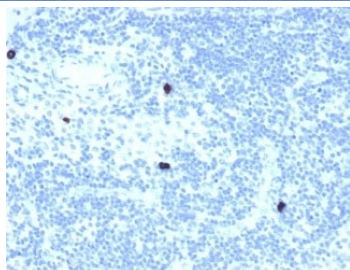
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-RXRB-2B6
Purity	Protein A/G affinity
UniProt	P28702
Localization	Nucleus, cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This RXRB antibody is available for research use only.



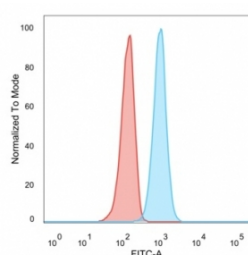
Immunofluorescent staining of PFA-fixed human K562 cells using RXRB antibody (green, clone PCRP-RXRB-2B6) and phalloidin (red).



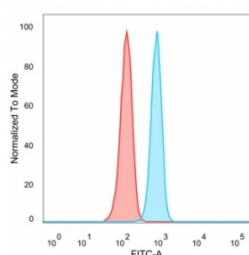
Immunofluorescent staining of PFA-fixed human HeLa cells using RXRB antibody (green, clone PCRP-RXRB-2B6) and phalloidin (red).



IHC staining of FFPE human lymph node tissue with RXRB antibody (clone PCRP-RXRB-2B6). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

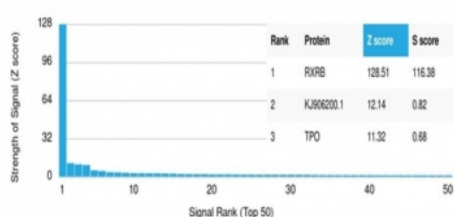


FACS staining of PFA-fixed human U-87 cells with RXRB antibody (blue, clone PCRP-RXRB-2B6), and unstained cells (red).



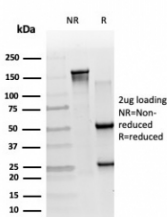
FACS staining of PFA-fixed human HeLa cells with RXRB antibody (blue, clone PCRP-RXRB-2B6), and unstained cells (red).

Human Protein Microarray Specificity Validation



Rank	Protein	Z score	S score
1	RXRB	128.51	116.38
2	KJ96200.1	12.14	0.82
3	TPO	11.32	0.68

Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using RXRB antibody (clone PCRP-RXRB-2B6). These results demonstrate the foremost specificity of the PCRP-RXRB-2B6 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free RXRB antibody (clone PCRP-RXRB-2B6) as confirmation of integrity and purity.

Description

Two families of retinoid receptors, RARs and RXRs, have been identified. Retinoic acid receptors (RARs) include RAR, 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 RXRB antibody should be determined by the researcher.

Immunogen

Recombinant full-length human RXR beta protein was used as the immunogen for the RXRB antibody.

Storage

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