RXRB Antibody

Mouse Monoclonal Antibody [Clone PCRP-RXRB-2B6]

Catalog No	Format	Size
6257-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6257-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6257-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

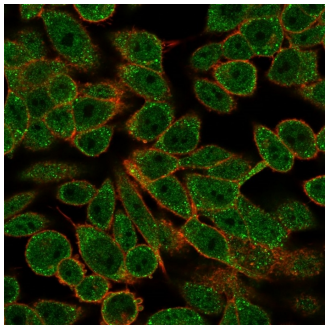
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

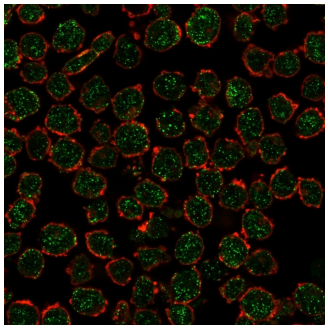
Clone	PCRP-RXRB-2B6
Gene Name	RXRB
Immunogen	Recombinant full-length human RXRB protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	50-54kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	HeLa or HepG2 cells.

**Optimal dilution for a specific application should be determined.*

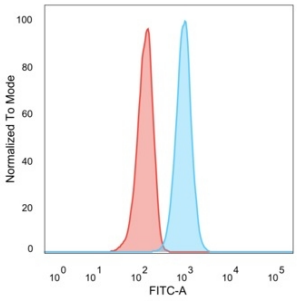
Product Images for RXRB Antibody



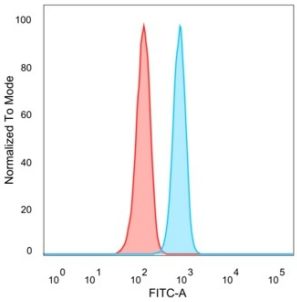
Immunofluorescence Analysis of PFA-fixed HeLa cells using RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



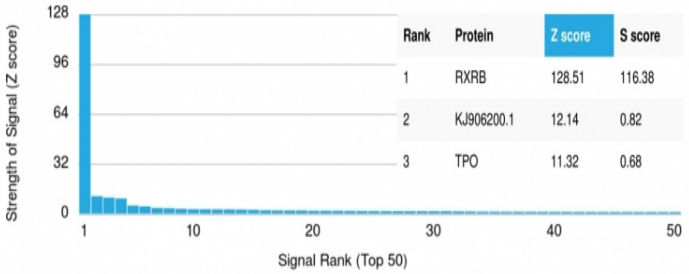
Immunofluorescence Analysis of PFA-fixed K562 cells using RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



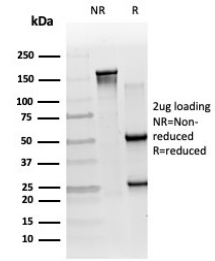
Flow Cytometric Analysis of PFA-fixed U87 cells. RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



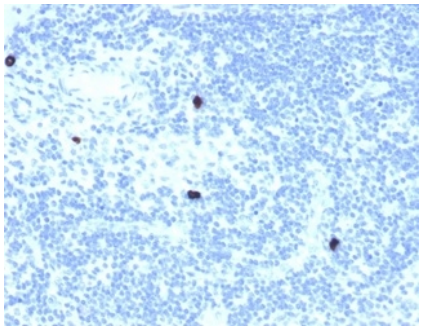
Flow Cytometric Analysis of PFA-fixed HeLa cells. RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis. Purified RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human lymph node stained with RXRB Mouse Monoclonal Antibody (PCRP-RXRB-2B6).

Specificity & Comments

Two families of retinoid receptors, RARs and RXRs, have been identified. Retinoic acid receptors (RARs) include RAR?, RAR? and RAR?, 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?, RXR? and 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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Lung Cancer, Signal Transduction, Transcription Factors

Limitations and Warranty