Anti human RXR alpha mouse monoclonal antibody

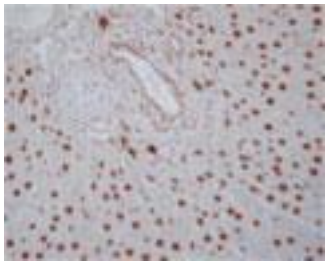
RXR alpha: Retinoid X Receptor alpha

Code No	PP-K8508-00
Clone No.	K8508
Lot.	A-2
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Retinoid X receptor alpha (RXRa; NR2B1) is a member of orphan nuclear receptor. 9-cis retinoic acid can bind to RXR. RXRa is expressed in liver, muscle, lung, kidney, intestine, heart and spleen. RXRa plays roles in a variety of processes including embryonic patterning and organogenesis, cell proliferation and differentiation. RXRs commonly function as heterodimers with other members of the nuclear receptor superfamily.
Nomenclature	NR2B1
Genbank	X52773
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human RXR alpha (2-133 aa).
Specificity	This antibody specifically recognizes human RXR alpha and cross reacts with mouse and rat RXR alpha. This antibody does not recognize human RXR beta and gamma.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN3 as a preservative.

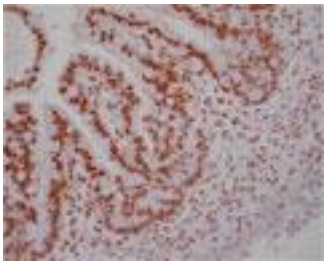
Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	2 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.1 ug/mL
Immunoprecipitation	Decide by use
Supershift Assay	Decide by use
Chromatin immunoprecipitation	Decide by use
Immunohistochemistry	10-20 ug/mL



Rat Liver
Hepatocyte
paraffin section



Rat Embryonic intestine
Epithelial cell
paraffin section

Storage	Store at 2 - 8 ºC up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.
Reference	Jae Mi Suh, *et al.* Mol Endocrinol, Dec. 2006, 20(12): 3412-3420 Jun Qin, *et al.* Developmemtal Dynamics, 2007, 236: 810-820
Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

MADE IN JAPAN

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