



Catalog Number	Product Name	Quantity	Clonality, clone (isotype)	Reactive species	Applications	Reg. Status
433900	Mouse anti-human RXR α	100 μ g	mAb clone K8508 (Ms IgG2a)	Hu, Ms, Rt	WB, ELISA, IP, EMSA, ChIP, IHC	RUO

Mouse Anti-Human Retinoid X Receptor α

Description	Retinoid X receptor α (RXR α ; NR2B1) is a member of the orphan nuclear receptor family. 9-cis retinoic acid can bind to RXR. RXR α is expressed in liver, muscle, lung, kidney, intestine, heart and spleen. RXR α plays an important role 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 α (2-133 aa).
Specificity	This antibody specifically recognizes human RXR α and cross reacts with mouse and rat RXR α . This antibody does not recognize human RXR β and γ .
Purification	Ammonium sulfate fractionation
Formulation	Concentration is 1 mg/mL in physiological saline with 0.1% sodium azide as a preservative.

Application	Recommended Concentration*
Western Blot	2 μ g/mL
Non reducing Western Blot	Not tested
ELISA	0.1 μ g/mL
Immunoprecipitation	Determine by use
Electrophoretic Mobility Shift Assay	Determine by use
Chromatin Immunoprecipitation	Determine by use
Immunohistochemistry	10-20 μ g/mL

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

Storage	Store at 2 - 8°C up to one month. For long-term storage, the solution may be frozen at -20°C in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.
References	Jae Mi Suh, et al. <i>Mol Endocrinol</i> 20(12): 3412-3420, 2006. Jun Qin, et al. <i>Developmental Dynamics</i> 236: 810-820, 2007.

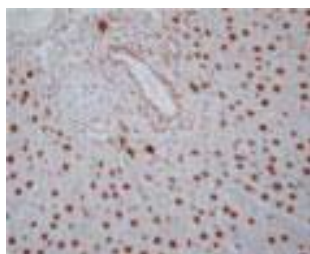
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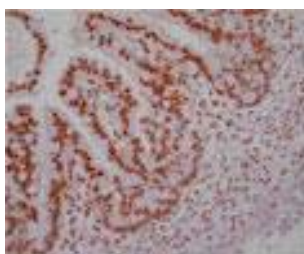
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(Rev 10/08) DCC-08-1089

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Rat Liver Hepatocyte
Paraffin section



Rat Embryonic Intestine
Epithelial cell
Paraffin section

Related Products

<i>Product</i>	<i>Conjugate</i>	<i>Cat. No.</i>
Protein A	Sepharose 4B	10-1041
rec-Protein G	Sepharose 4B	10-1241
ZyMAX™ Goat anti-rabbit IgG	Unconjugated	81-6100
ZyMAX™ Goat anti-mouse IgG	Unconjugated	81-6500

Secondary Antibody Conjugates

<i>Conjugate</i>	<i>Goat anti-rabbit IgG (H+L)</i>	<i>Goat anti-mouse IgG (H+L)</i>	<i>Ex/Em*</i>	<i>Fluorescence similar to--</i>
Alexa Fluor® 488	A11008	A11001	495/519	FITC
Alexa Fluor® 555	A21428	A21422	555/565	Cy3
Alexa Fluor® 594	A11012	A11005	590/617	Texas Red®
Alexa Fluor® 647	A21244	A21235	650/668	Cy5
HRP	81-6120	81-6520	NA**	NA
AP	81-6122	81-6522	NA	NA
Biotin	B2770	B2763	NA	NA

*Excitation/emission (nm); **Not applicable

For additional secondary antibody conjugates, visit www.invitrogen.com/antibodies

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Manufactured by:
Perseus Proteomics, Inc.
4-7-6, Komaba, Meguro-ku
Tokyo 153-0041 Japan
Tel: +81-3-5738-1705
Fax: +81-3-3481-5760



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