

Anti human PNR mouse monoclonal antibody

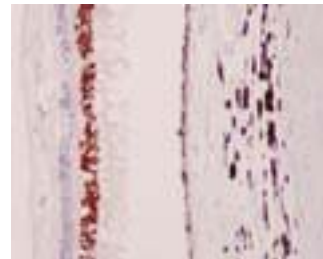
PNR: Photoreceptor-specific Nuclear Receptor

Code No	PP-H7223-00
Clone No.	H7223
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Photoreceptor-specific nuclear receptor (PNR, RNR; NR2E3) is a member of orphan nuclear receptor. PNR is expressed in retina. PNR plays a role in retinal photoreceptor cell differentiation and degeneration.
Nomenclature	NR2E3
Genbank	AF121129
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 PNR (2-45 aa).
Specificity	This antibody specifically recognizes human PNR and cross reacts with rat PNR. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN ₃ as a preservative.

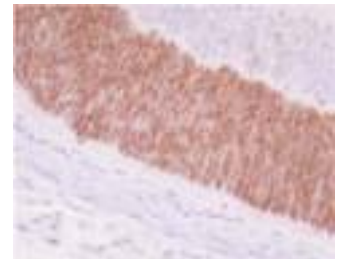
Application / Recommended Concentration

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

Western Blot	1 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	10ng/mL
Immunoprecipitation	Not yet tested
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	10-20 ug/mL



Human Eye
Retina, Outer nuclear layer
paraffin section



Rat Eye
Retina, Outer nuclear layer
paraffin section

Storage Store at 2 - 8 °C 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 Takezawa S, *et al.* EMBO J. 2007; 26(3): 764-74

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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Jul 30, 2009