

Nomenclature NR2E3

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Anti human PNR mouse monoclonal antibody

PNR: Photoreceptor-specific Nuclear Receptor

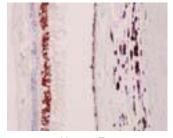
Code No	PP-H7223-00
Clone No.	H7223
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Photoreceptor-specific nuclear receptor (PNR, RNR; NR2E3) is a member of orphan nuclear receptor. PNR is expressed in retina. PNR plays a role in retinal photoreceptor cell differentiation and degeneration.

Application /	Recommended	Concentration

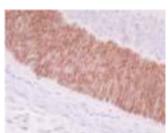
In order to obtain the best results, optimal working dilutions should be determined by each individual user.

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 immunoprecipitatic	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

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% NaN3 as a preservative.

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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