

Anti human PNR mouse monoclonal antibody

PNR: Photoreceptor-specific Nuclear Receptor

Code No	PP-H7223-00
Clone No.	H7223
Lot.	***
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

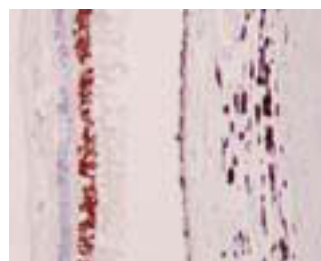
ELISA 10ng/mL

Immunoprecipitation Not yet tested

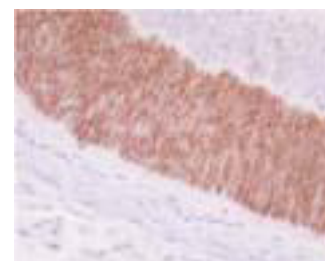
Supershift Assay Not yet tested

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.* The EMBO Journal 26, 764-774, 2007

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.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN

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