

Anti human PNR mouse monoclonal antibody

PNR: Photoreceptor-specific Nuclear Receptor

Code No	PP-H7223-00 old No. 2ZH7223H
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
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Non reducing Western Blot	Not yet tested
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ELISA	10ng/mL
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Immunoprecipitation	Not yet tested
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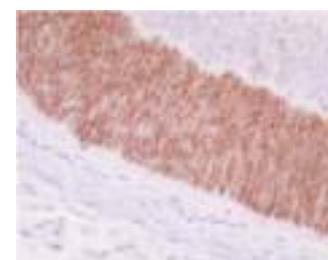
Supershift Assay	Not yet tested
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Chromatin immunoprecipitation	Not yet tested
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Immunohistochemistry	10-20 ug/mL
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Human Eye
Retina, Outer nuclear 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.
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Reference	Takezawa S, <i>et al.</i> The EMBO Journal 26, 764-774, 2007
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Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
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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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Distributed by

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