

NPRB / NPR2 Antibody (clone 1E4)
Mouse Monoclonal Antibody
Catalog # ALS14113

Specification

NPRB / NPR2 Antibody (clone 1E4) - Product Information

Application	IHC
Primary Accession	P20594
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	117kDa KDa

NPRB / NPR2 Antibody (clone 1E4) - Additional Information

Gene ID 4882

Other Names

Atrial natriuretic peptide receptor 2, 4.6.1.2, Atrial natriuretic peptide receptor type B, ANP-B, ANPR-B, NPR-B, Guanylate cyclase B, GC-B, NPR2, ANPRB

Target/Specificity

Human NPR2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

NPRB / NPR2 Antibody (clone 1E4) is for research use only and not for use in diagnostic or therapeutic procedures.

NPRB / NPR2 Antibody (clone 1E4) - Protein Information

Name NPR2

Synonyms ANPRB

Function

Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth.

Cellular Location

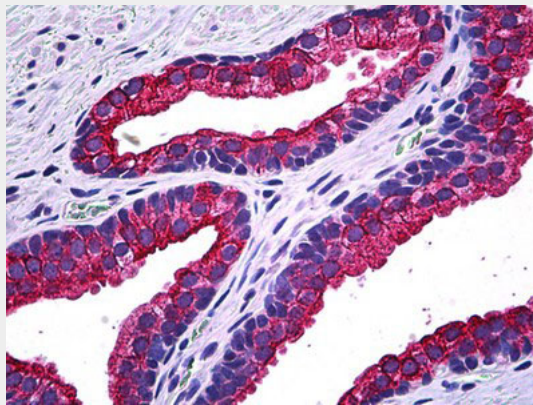
Cell membrane; Single-pass type I membrane protein

NPRB / NPR2 Antibody (clone 1E4) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NPRB / NPR2 Antibody (clone 1E4) - Images



Anti-NPR2 antibody IHC of human prostate.

NPRB / NPR2 Antibody (clone 1E4) - Background

Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth.

NPRB / NPR2 Antibody (clone 1E4) - References

- Chang M.S., et al. Nature 341:68-72(1989).
Rehemudula D., et al. Circ. Res. 84:605-610(1999).
Hirsch J.R., et al. J. Am. Soc. Nephrol. 10:472-480(1999).
Humphray S.J., et al. Nature 429:369-374(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.