

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

**Specification**

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

Application	IHC
Primary Accession	<a href="#">P20594</a>
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**

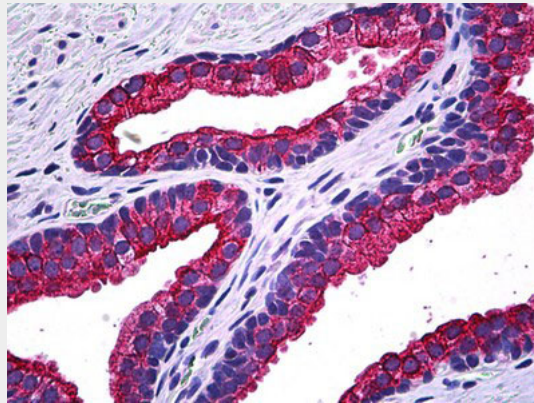
Cell membrane; Single-pass type I membrane protein

**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.