

Rat Monoclonal anti Mouse Natriuretic peptide receptor-1 (NPR1)

ORDERING INFORMATION

Catalog No:	mAP-0489
Size:	100µg
Storage:	<-20°C
Immunogen:	Recombinant Mouse NPR-1
Ig Type:	Rat IgG2
Clone:	RM0489-12L40
Applications:	IHC-F

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with recombinant mouse NPR-1. Mouse NPR1 is also called ANPR1 or guanylyl cyclase-A) is a 130 kDa member of the guanylyl cyclase family of proteins.

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500ul sterile PBS and the final concentration is 200ug/ml. Reconstituted antibody can also be aliquoted and stored frozen at <-20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes mouse NPR-1 by direct ELISAs.

Applications:

1.	IHC-F	Yes	1:100-200
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Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.
This product is for Research purpose only.