



## GFR a -4 Monoclonal Antibody

Catalog No	YP-mAb-12731
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GFRA4
Protein Name	GDNF family receptor alpha-4
Immunogen	The antiserum was produced against synthesized peptide derived from human GFRA4. AA range:141-190
Specificity	GFR $\alpha$ -4 Monoclonal Antibody detects endogenous levels of GFR $\alpha$ -4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GFRA4; GDNF family receptor alpha-4; GDNF receptor alpha-4; GDNFR-alpha-4; GFR-alpha-4; Persephin receptor
Observed Band	30kD
Cell Pathway	[Isoform GFRalpha4a]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4b]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4c]: Secreted.
Tissue Specificity	Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.
Function	alternative products:Additional isoforms seem to exist,function:Receptor for persephin. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor. May be important in C-cell development and, in the postnatal development of the adrenal medulla.,similarity:Belongs to the GDNFR family.,tissue specificity:Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.,
Background	The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for persephin, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for RET-associated diseases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],



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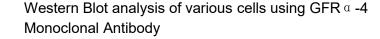
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





-- 117

-- 85

-- 48

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-- 26

(kD)

**GFRA4**