

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GFR α -4/GDNF R α -4 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) GFR α -1, recombinant rat GFR α -1, rhGFR α -2, rhGFR α -3, or recombinant mouse GFR α -4 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 215725
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human GFR α -4/GDNF R α -4 Asn24-Ser245 (Ser140Cys)(predicted) Accession # NP_071422
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

GFR α -4 is a member of a family of at least four cysteine-rich GPI-linked cell surface proteins that function as ligand binding subunits for the GDNF family (GDNF, neurturin, persephin and artemin). A functional receptor complex is achieved through association with the c-Ret receptor tyrosine kinase. GFR α -4 preferentially binds persephin.

PRODUCT SPECIFIC NOTICES

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