Human/Mouse/Chicken RGM-A
Alexa Fluor® 594-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 275407

Catalog Number: FAB2458T

100 µg

DESCRIPTION

Species Reactivity	Human/Mouse/Chicken
Specificity	Detects mouse RGM-A in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant human RGM-A and recombinant chicken RGM is observed. In Western blots, approximately 25% cross-reactivity with recombin
Source	Monoclonal Rat IgG_{2A} Clone # 275407
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse RGM-A Cys48-Gly421 Accession # Q6PCX7
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

RGM-A is the founding member of the RGM family of glycosylphosphatidylinositol (GPI)- anchored axon guidance proteins. It is a disulfide-linked dimer of the N-terminal and C-terminal RGD-containing segments. RGM-A binds with high affinity to Neogenin.

PRODUCT SPECIFIC NOTICES

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