Mouse WIF-1 Alexa Fluor® 594-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 134714

Catalog Number: FAB135T

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse WIF-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant human WIF-1 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 134714
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse WIF-1 Gly29-Trp379 Accession # Q9WUA1
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

WIF-1 is a secreted protein of approximately 50 kDa that binds Wnt proteins and antagonizes Wnt-induced signaling. WIF-1 expression is down regulated in several human cancers. Mature mouse WIF-1 shares 95% and 98% amino acid sequence identity with human and rat WIF-1, respectively.

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