

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects mouse Wnt-4 in direct ELISAs and Western blots. In sandwich immunoassays, this antibody is specific for human Wnt-4 as a capture antibody when paired with Sheep Anti-Human Wnt-4 Antigen Affinity-purified Polyclonal Antibody (Catalog #
Source	Monoclonal Rat IgG _{2A} Clone # 55010
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse Wnt-4 aa 37-76 and 222-295 Accession # P22724
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.
ELISA	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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

Wnt-4 is a secreted glycoprotein that binds to receptors of the Frizzled family. Wnt-4 is important for multiple embryonic development processes including kidney morphogenesis.

PRODUCT SPECIFIC NOTICES

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