

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Wnt-8b in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Wnt-2, -7a, -7b, -9a, recombinant mouse Wnt-1, -3a, -4, -5a, -5b, -8a, or -9b is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 341502
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse Wnt-8b Trp22-Glu52, Leu195-Arg269 Accession # Q9WUD6
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

Mouse Wnt-8b is a 40-50 kDa secreted glycoprotein member of the Wnt family of proteins. Mature mouse Wnt-8b is 329 aa in length and contains 24 cysteines plus three potential N-linked glycosylation sites. Little is known about Wnt-8b. It appears to play a role in forebrain development. The mature mouse protein is 100%, 98%, and 97% identical to mature rat, canine, and human Wnt-8b, respectively.

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