Human/Mouse Wnt-8b Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3367G
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Wnt-8b in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant mouse Wnt-8a is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant mouse Wnt-8b Trp22-Glu52, Leu195-Arg269 Accession # Q9WUD6
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.

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 presumably 40-50 kDa secreted glycoprotein member of the Wnt family of proteins. Mature mouse Wnt-8b is 329 amino acids (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% aa identical to mature rat, canine and human Wnt-8b, respectively.

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