

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Wnt-10b in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant mouse (rm) Wnt-3a, rmWnt-4, rmWnt-5a, and rmWnt-8a is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Wnt-10b peptide Leu42-Glu82, Arg263-Arg332 Accession # P48614
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

Wnt-10b (also known as Wnt-12) is a 45 kDa glycoprotein involved in fetal limb bud development and adult hematopoiesis. Mouse Wnt-10b exists as two isoforms: a 361 amino acid (aa) long form and a 265 aa short form that lacks a 95 aa internal sequence. Wnt-10b is less than 60% aa identical to other Wnts, but mouse to human, Wnt-10b shows almost complete aa sequence identity at > 97%.

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