

## DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	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.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse Wnt-10b peptide Leu42-Glu82, Arg263-Arg332 Accession # P48614
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	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%.

## PRODUCT SPECIFIC NOTICES

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