

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human Wnt-9a in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Wnt-2, -7a, -7b, recombinant mouse Wnt-1, -2b, -3a, -4, -5a, -5b, -8a, -8b, -9b, -10a, -10b, -11, or -16 is observed
Source	Monoclonal Mouse IgG _{2A} Clone # 326707
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Wnt-9a Pro48-Glu92 & Arg231-Phe304 Accession # O14904.2
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.
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-9a (formerly Wnt14) is a member of the Wnt family, which are ligands for frizzled family receptors. Wnt-9a is a secreted glycoprotein expressed in skeletal muscle and heart as well as in B-CLL (B cell chronic lymphocytic leukemia) and gastric, pancreatic and breast cancer cells. Human Wnt-9a shares 98% aa sequence identity with mouse and rat Wnt-9a.

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