

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Angiopoietin-like 2 in direct ELISAs and Western blots. Shows 25-100% cross-reactivity with recombinant mouse Angiopoietin-like 2 and no cross-reactivity with recombinant human (rh) Angiopoietin-1 or rhAngiopoietin-2.
Source	Monoclonal Mouse IgG _{2B} Clone # 239829
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Angiopoietin-like 2 Ile233-Phe492 Accession # Q9UKU9
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

Angiopoietin-like 2, also known as Ang-related protein 2, is a secreted glycoprotein that is structurally related to angiopoietin. It does not bind the Tie-1 or Tie-2 receptors. Angiopoietin-like 2 induces sprouting but is not mitogenic in endothelial cells.

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