

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LMO2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 313606
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human LMO2 Met1-Ile158 Accession # P25791
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.

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

LMO2, also known as Rhombotin-2 and T-cell translocation protein-2, is a transcriptional co-factor that is required for hematopoietic and endothelial development. It contains two LIM domains that are characterized by a zinc binding, cysteine rich motif consisting of two tandemly repeated zinc fingers. LMO2 does not interact directly with DNA but is involved in the assembly of multiprotein transcription factor complexes. Human and mouse LMO2 share 99% amino acid sequence homology.

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