

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse MIXL1 in ELISAs.
Source	Monoclonal Rat IgG _{2A} Clone # 868132
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse MIXL1 Lys147-Phe231 Accession # Q9WUI0
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

Immunocytochemistry 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

MIXL1 (Mix-like 1) is a 36 kDa member of the paired-like homeodomain protein family. It is expressed in the primitive streak of the gastrulating embryo, and marks cells destined to form mesoderm and endoderm. It is also expressed in differentiating embryonic stem cells, immature B and T lymphocytes during normal hematopoiesis, and several B, T or myeloid lineage acute leukemias. The 231 amino acid (aa) human MIXL1 contains a homeobox domain at aa 86-145. The mouse MIXL1 immunogen (aa 147-231) shares 72% and 91% aa sequence identity with human and rat MIXL1, respectively.

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