

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-24 in direct ELISAs and Western blots. No cross-reactivity with recombinant human IL-24 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 303308
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse IL-24 Arg27-His181 Accession # NP_444325
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.
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

Mouse IL-24, also known as melanoma differentiation-associated gene 7 (MDA-7) and Th2-specific cytokine FISP, is a 27 kDa secreted glycoprotein that is a member of the IL-10 family. It is synthesized as a precursor with a large pro-region that is removed to generate a 155 aa mature protein. Mature mouse IL-24 shares 84% and 69% amino acid identity with rat and human IL-24, respectively.

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