

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IL-11 in direct ELISAs.
Source	Recombinant Monoclonal Mouse IgG _{2A} Clone # 22626R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human IL-11 Pro22-Leu199 Accession # P20809
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.

Neutralization	Optimal dilution of this antibody should be experimentally determined.
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

Interleukin-11 (IL-11) is a pleiotropic cytokine produced by stromal cells. It binds to a dimeric receptor complex consisting of the IL-11 Ra chain and the gp130 chain shared by the receptors for the IL-6 cytokine family. IL-11 has multiple effects on hematopoietic cells and osteoblasts.

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