

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Common β Chain in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) G-CSF R or rhM-CSF R is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 140516
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Common β Chain Gly23-Trp443 Accession # P32927
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.

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

The common β chain, also known as CD131, is a transmembrane protein that associates with the ligand-specific IL-3 R α , IL-5 R α , or GM-CSF R α proteins to form high affinity receptor complexes. β c is expressed on a variety of hematopoietic cells.

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