

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Erythropoietin Receptor (Epo R) in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human (rh) Epo, recombinant mouse Epo R, or rhThrombopoietin R was observed.
Source	Monoclonal Mouse IgG _{2A} Clone # 38407
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Erythropoietin R Pro26-Pro250 Accession # P19235
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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.

ELISA Capture (Matched Antibody Pair) Optimal dilution of this antibody should be experimentally determined.

ELISA Detection (Matched Antibody Pair) 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

Epo R is a transmembrane protein expressed on the surface of megakaryocytes, erythroid progenitors, and endothelial cells. It binds Epo and transmits signals that stimulate the proliferation and maturation of bone marrow erythroid precursors into red cells.

PRODUCT SPECIFIC NOTICES

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