

DESCRIPTION

Species Reactivity	Human
Specificity	Recognizes an epitope within the first 26 amino acids at the NH ₂ terminus of human urinary and human recombinant EPO. Binds human and rat EPO but does not bind sheep, baboon, or dog EPO (1, 2).
Source	Monoclonal Mouse IgG _{2A} Clone # AE7A5
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Erythropoietin/EPO synthetic peptide analog Ala28-Thr53 Accession # P01588
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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoaffinity Purification	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

Erythropoietin (EPO) a glycoprotein produced primarily by the kidney, is the principal factor that regulates erythropoiesis by stimulating the proliferation and differentiation of erythroid progenitor cells.

PRODUCT SPECIFIC NOTICES

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