

# Human Erythropoietin R Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG<sub>2B</sub> Clone # 38409

Catalog Number: FAB307G

100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Erythropoietin R in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse Erythropoietin R is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 38409
<b>Purification</b>	Protein A or G purified from ascites
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Erythropoietin R Pro26-Pro250 Accession # P19235
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	TF-1 human erythroleukemic cell line

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## 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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