

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GM-CSF in direct ELISAs and Western blots.
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 3209R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human GM-CSF Ala18-Glu144 Accession # P04141
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
Immunocytochemistry	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

Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) is a growth factor produced by a variety of lymphoid cells. It binds to receptor heterodimers consisting of a GM-CSF-specific α chain and the common β chain that is shared by the high-affinity receptors for IL-3 and IL-5.

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