Human gp130 Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 28105

Catalog Number: FAB628X

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human gp130 in ELISAs. In sandwich immunoassays, no significant cross-reactivity or interference with recombinant human (rh) CNTF, rhIL-6, rhIL-6 R, recombinant mouse (rm) IL-6, rhIL-11, rhLIF, rhLIF R, rmLIF, or rhOSM is observed. This antib
Source	Monoclonal Mouse IgG_1 Clone # 28105
Purification	Protein A or G purified from ascites
Immunogen	*Sf* 21-derived recombinant human gp130 extracellular domain Leu24-Glu619 (Glu619-Asp, predicted) Accession # P40189
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.
Neutralization	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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

gp130, also known as CD130, belongs to the class I cytokine receptor family. It functions as a signal transducing receptor component in the receptor complexes of the IL-6 family of cytokines including IL-6, IL-11, LIF, OSM, CNTF and CT-1.

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