Rat CXCL3/GROγ/CINC-2/DCIP-1 Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 83504

Catalog Number: FAB516N

100 µg

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat CXCL3/CINC-2α/β in ELISAs and Western blots. In sandwich immunoassays, 27.9% cross-reactivity with recombinant rat (rr) CINC-3 is observed and no cross-reactivity or interference with rrCINC-1, recombinant mouse (rm)&n
Source	Monoclonal Mouse IgG_{2B} Clone # 83504
Purification	Protein A or G purified from ascites
Immunogen	*E. coli*-derived recombinant rat CXCL3/CINC-2α/β Arg33-Ser100 Accession # Q10746
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.
Western Blot	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

CINC-2α and -2β are mRNA splice variant isoforms that differ by only 3 amino acids at their amino-termini. These proteins are CXC chemokines most closely related to human GROs and mouse MIP-2. They are produced by granulation tissue, activated macrophages and fibroblasts. CINC-2 biological activities are mediated by CXCR1 or CXCR2.

PRODUCT SPECIFIC NOTICES

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