

Human C10orf99 Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 1020904

Catalog Number: IC104161N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human C10orf99 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1020904
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived human C10orf99
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	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
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	SW40 human cell line fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005)

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

Human Chromosome 10 open reading frame 99 is a 9.2 KDa protein encoded by the C10orf99 gene. C10orf99 has been described as a potential cytokine and a ligand Sushi Domain Containing 2 (SUSD2), inducing SUSD2 internalization upon binding. It has also been proposed to be a chemotactic factor that mediates lymphocytes recruitment to epithelia through binding and activation of the G-protein coupled receptor GPR15.

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