

Human IL-1 β /IL-1F2 (Research Grade Canakinumab Biosimilar) Alexa Fluor® 700-conjugated Antibody

Recombinant Monoclonal Human IgG₁ Clone # Hu110

Catalog Number: FAB10349N

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human IL-1 β /IL-1F2 in direct ELISAs. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Canakinumab. This product is for research use only.
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu110
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human IL-1 β /IL-1F2
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 μ g/10 ⁶ cells	Human blood monocytes treated with LPS fixed with FlowX FoxP3/Transcription Factor Fixation & Perm Buffer Kit (Catalog # FC012)

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

Canakinumab is a biosimilar directed against human IL-1 beta.

PRODUCT SPECIFIC NOTICES

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