

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IL-38/IL-1F10 in direct ELISAs.
Source	Monoclonal Mouse IgG ₃ Clone # 892257
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived human IL-38/IL-1F10 Ser3-Trp152 Accession # Q8WWZ1
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.

ELISA 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

Human IL-38, previously called IL-1F10 or IL-1HY2, is a secreted cytokine belonging to the IL-1 family. It is synthesized as a 152 amino acid mature protein that lacks an identifiable signal sequence. It binds to soluble IL-1 RI. Human IL-38/IL-1F10 shares 82% aa sequence identity with mouse IL-38/IL-1F10. Human IL-38/IL-1F10 also shares 39% and 27% aa sequence identity with IL-1ra/IL-1F3 and IL-1β/IL-1F2, respectively.

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