Human ITIH2 Alexa Fluor® 750-conjugated Antibody

Monoclonal Rabbit IgG Clone # 2688A
Catalog Number: FAB101992S
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ITIH2 in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 2688A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	*Spodoptera frugiperda Sf* 9 (baculovirus)-derived human ITIH2 Ser55-Asp702 Accession # P19823
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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.*

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

The ITIs are a family of plasma protease inhibitors contributing to extracellular matrix stabilization by covalent linkage to hyaluronan. ITIH2 is a binding protein between hyaluronan and other matrix proteins. It regulates the localization, synthesis and degradation of hyaluronan. ITIH molecules are shown to play a role in carcinogenesis and inflammation. ITIH genes are downregulated in multiple human solid tumors. This downregulation contributes to initiation and/or progression of malignancy.

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