

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human (rh)HAI-2 in direct ELISAs and Western blots. In these formats, does not cross-react with rhHAI-1 or rmHAI-2B.
Source	Monoclonal Mouse IgG ₁ Clone # 170018
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human HAI-2 aa 28-197 Accession # O43291
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.
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

HGF Activator Inhibitor type II (HAI-2), also known as placental bikunin, is a Kunitz-type protease inhibitor. It is a type I membrane protein containing 2 Kunitz inhibitor domains in its extracellular region. In mouse, at least three isoforms of HAI-2 exist as a result of alternative splicing. Isoforms 2 and 3, also known as HAI-2B and HAI-2C, respectively, are both missing the first amino-terminal Kunitz inhibitor domain.

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