

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Vasorin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 227526
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Vasorin aa 24-575 Accession # Q6EMK4
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.

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

Vasorin is a type I membrane protein that is predominantly expressed in vascular smooth muscle cells in a developmentally regulated pattern. Expression is down-regulated during vessel repair after arterial injury. Vasorin directly binds to transforming growth factor (TGF)-β and attenuates TGF-β signaling *in vitro* (1).

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