

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Vasohibin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 411208
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Vasohibin isoform 1 Pro2-Val365 Accession # Q7L8A9
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

Vasohibin is an endothelium-derived negative feedback regulator of angiogenesis. The 365 amino acid (aa), 44 kDa human Vasohibin shows 93% aa identity with mouse Vasohibin. Vasohibin has no canonical signal sequence, but the full-length form is only associated with cells, while N-terminally cleaved, active 42 kDa and 36 kDa forms are both cell-associated and secreted. Minor amounts of C-terminally cleaved 27 kDa form are inactive and lack the C-terminal heparin-binding basic domain. Vasohibin expression is upregulated by VEGF and FGF-2, but this can be modulated by IL-1, TNF-α, or IFN-γ.

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