Human WARP Alexa Fluor® 750-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 559915

Catalog Number: FAB6189S

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human WARP in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse (rm) WARP, rmCollagen II, or recombinant bovine Collagen I is observed.
Source	Monoclonal Mouse IgG_1 Clone # 559915
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human WARP Arg19-Pro445 Accession # Q6PCB0
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.*

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

Von Willebrand factor A (vWFA) domain-related protein (WARP) is a 50 kDa glycoprotein member of the vWFA domain superfamily of extracellular matrix proteins. It is expressed in embryonic articular cartilage, skeletal muscle and basement membranes in the PNS. WARP forms disulfide-linked homodimers and multimers, and complexes with perlecan. Secreted human WARP contains a vWFA domain (aa 34-213), two fibronectin type III domains (aa 211-301 and 331-421) that likely bind to the GAG modification of perlecan, and one potential site for N-linked glycosylation. There is one alternate start site at Met213. Mature human WARP shares 72% aa sequence identity with mature mouse and rat WARP.

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