Mouse WARP Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4927N
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse WARP in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant human WARP is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse WARP isoform 1 Arg19-Pro415 Accession # Q8R2Z5
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

WARP (von Willebrand factor A [vWFA] domain-related protein) 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 mouse WARP is 397 amino acids (aa) in length. It contains a vWFA domain (aa 34-209), and two fibronectin type III domains (aa 211-394) that likely bind to the GAG modification of perlecan. Cys369 and Cys393 contribute to intermolecular bond formation. There is one alternate start site at Met213. Mature mouse WARP (aa 19-415) is 93% and 78% aa identical to rat and human WARP, respectively.

PRODUCT SPECIFIC NOTICES

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