

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Opticin in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 50% cross-reactivity with recombinant human Opticin is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Opticin Ala20-Thr328 (Tyr168Asp) Accession # Q920A0
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

Opticin, also known as Oculoglycan, is an extracellular matrix protein that belongs to the class III subfamily of the small leucine-rich repeat (SLRP) proteoglycan family. It was initially discovered as a protein associated with vitreous humor collagen fibrils and has since been localized also to numerous ocular tissues and fetal liver. Mouse and human Opticin share 73% amino acid sequence identity.

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