

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Opticin in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant mouse Opticin is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Opticin Ala20-Thr332 Accession # Q9UBM4
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

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. Human and mouse Opticin share 73% amino acid sequence identity.

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