

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CILP-1 C-Terminal Fragment in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human CILP-1 N-terminal peptide is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CILP-1 C-Terminal Fragment Arg724-Asn1184 Accession # O75339
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

The CILP-1 (cartilage intermediate-layer protein 1) gene product is a monomeric glycoprotein precursor of two secreted, proteolytically generated products, a 90 kDa N-terminal CILP-1, and a 62 kDa C-terminal NTPPHase-homolog. It is found in both hyaline and fibrocartilage. Although the C-terminal NTPPHase-homolog (aa 725-1184) does not show enzyme activity, it may participate in matrix structural integrity. Human CILP-1 C-terminus shares 93% and 94% aa identity with porcine and mouse CILP-1 C-terminus, respectively.

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