

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CLEC3B/Tetranectin in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant human (rh) CLEC1, rhCLEC2, rhCLEC10A, and rhCLEC14A is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CLEC3B/Tetranectin Glu22-Val202 Accession # P05452
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

CLEC3B (C-type lectin domain family 3-member B; also Tetranectin) is a 20 kDa, secreted member of the C type lectin superfamily. It is produced by multiple cell types, including monocytes, neutrophils, fibroblasts, hepatocytes and various endocrine cells. Although named Tetranectin, CLEC3B is actually a nondisulfide linked homotrimer. It binds to plasminogen, sulfated polysaccharides, and fibrin. Human CLEC3B precursor is 202 amino acids (aa) in length. It contains a signal sequence (aa 1-21), a coiled coil region that mediates trimerization (aa 26-52) and a C type lectin domain (aa 77-198). CLEC3B contains O-linked glycosylation. Mature human CLEC3B is 81% aa identical to mouse CLEC3B.

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