

Datasheet for ABIN7599766
anti-LGALS3BP antibody (AA 115-508)



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Overview

Quantity:	100 µg
Target:	LGALS3BP
Binding Specificity:	AA 115-508
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS3BP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-LGALS3BP Antibody Picoband®
Immunogen:	E.coli-derived human LGALS3BP recombinant protein (Position: H115-K508). Human LGALS3BP shares 67.9% and 66.2% amino acid (aa) sequence identity with mouse and rat LGALS3BP, respectively.
Characteristics:	Anti-LGALS3BP Antibody Picoband® (ABIN7599766). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LGALS3BP
Alternative Name:	LGALS3BP (LGALS3BP Products)
Background:	Galectin-3-binding protein is a protein that in humans is encoded by the LGALS3BP gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.
Molecular Weight:	70-90 kDa
Gene ID:	3959
UniProt:	Q08380

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. "Entrez Gene: LGALS3BP lectin, galactoside-binding, soluble, 3 binding protein". 2. Calabrese G, Sures I, Pompetti F, Natoli G, Palka G, Iacobelli S (May 1995). "The gene (LGALS3BP) encoding the serum protein 90K, associated with cancer and infection by the human immunodeficiency virus, maps at 17q25". Cytogenet Cell Genet. 69 (3-4): 223-5.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.