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LGALS3 Polyclonal Antibody

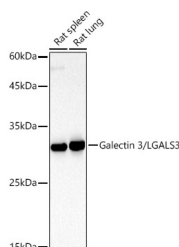|			
Catalog No.	E-AB-60313	**Reactivity**	H,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
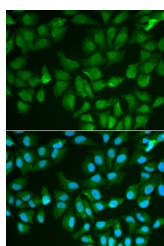
Images
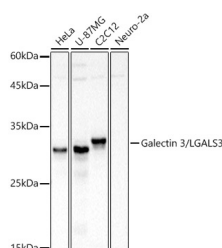
Western blot analysis of extracts of various cell lines using Galectin 3/LGALS3 Polyclonal Antibody at 1:500 dilution.

Western blot analysis of extracts of various cell lines using Galectin 3/LGALS3 Polyclonal Antibody at 1:500 dilution.

Immunofluorescence analysis of MCF-7 cells using Galectin 3/Galectin 3/LGALS3 Polyclonal antibody. Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant fusion protein of human LGALS3
GeneID	3958
Swissprot	P17931
Synonyms	LGALS3,CBP35,GAL3,GALBP,GALIG,L31,LGALS2,MAC2

Product Information

Calculated MW	26kDa
Buffer	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IF 1:50-1:200

Background

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.