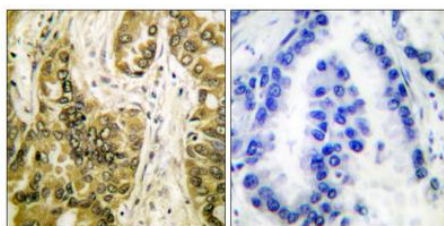


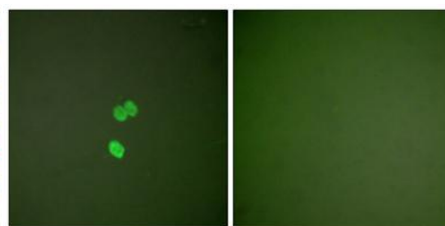
Cat. No:	AB-82806
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Galectin 3. AA range:141-190
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1/500 – 1/2000. Immunohistochemistry: 1/100 – 1/300 Immunofluorescence: 1/200 – 1/1000
Molecular Weight:	33kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	LGALS3; MAC2; Galectin-3; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE-binding protein; L-31;
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.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.



Western Blot analysis of various cells using CBP 35 Polyclonal Antibody diluted



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Galectin 3 Antibody. The picture on the right is

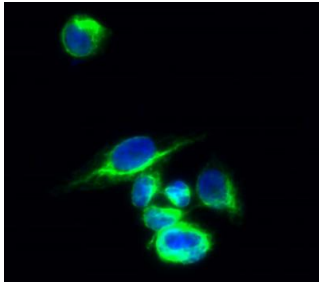


Immunofluorescence analysis of NIH/3T3 cells, using Galectin 3 Antibody. The picture on the right is blocked with the synthesized peptide.



at 1:2000

blocked with the synthesized peptide.



Immunofluorescence analysis of HeLa cell.

- 1, CBP 35 Polyclonal Antibody (green) was diluted at 1:200 (4° overnight).
- 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).
- 3 DAPI (blue) 10min.

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