

## LGALS3 antibody

### Product Information

Catalog No.:	FNab03316
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β-galactose-containing oligosaccharides(PMID: 8063692). Galectin-3 contains one carbohydrate recognition domain(CRD) and a proline-and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors.

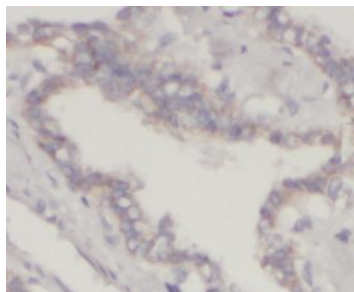
### Immunogen information

Immunogen:	lectin, galactoside-binding, soluble, 3
Synonyms:	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 Laminin-binding protein Lectin L-29 Mac-2 antigen LGALS3 MAC2
Observed MW:	31 kDa
Uniprot ID :	P17931

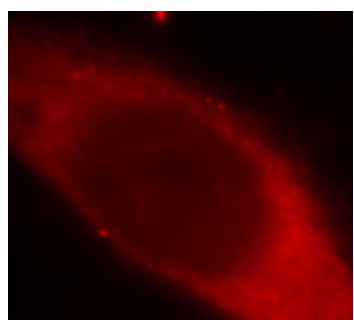
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IP, IHC, WB, IF
Recommended dilution:	WB: 1:500-1:5000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

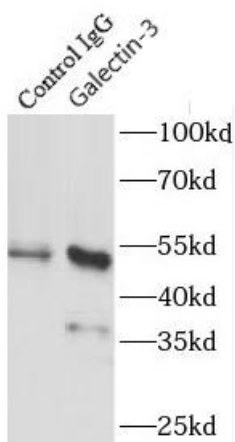
Image:



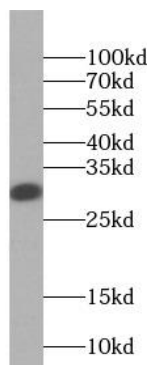
Immunohistochemistry of paraffin-embedded human thyroid cancer using FNab03316(Galectin 3 antibody) at dilution of 1:50



Immunofluorescent analysis of MCF-7 cells, using Galectin 3 antibody FNab03316 at 1:50 dilution and Rhodamine-labeled goat anti-mouse IgG (red).



IP Result of anti-Galectin-3 (IP:FNab03316, 3ug; Detection:FNab03316 1:500) with MCF-7 cells lysate 1600ug.



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab03316(Galectin 3 Antibody) at dilution of 1:1500