

Product Datasheet

Galectin 3/LGALS3 Rabbit Polyclonal Antibody (orb196251)

Catalog Number	orb196251
Category	Antibodies
Description	Galectin 3/LGALS3 Rabbit Polyclonal Antibody
Target	Galectin-3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Immunogen	E.coli-derived human Galectin 3 recombinant protein (Position: K139-I250). Human Galectin 3 shares 88% and 84% amino acid (aa) sequences identity with mouse and rat Galectin 3, respectively.
UniProt ID	P17931

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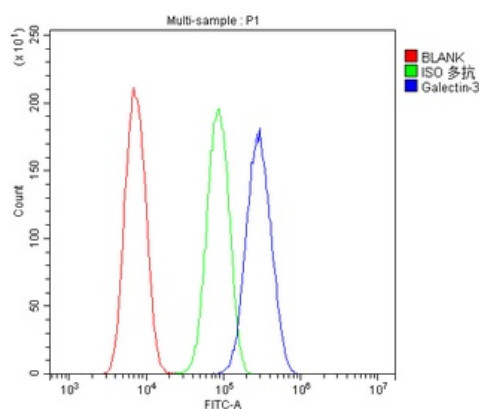
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MW	26 kDa
Tested applications	FC, ICC, IF, IHC, WB
Dilution range	Western blot, 0.1-0.5µg/ml, Human Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human Immunocytochemistry/Immunofluorescence, 5µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 ⁶ cells, Human
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow Cytometry analysis of U20S cells using anti-Galectin-3 antibody (Blue line). Isotype control antibody (Green line) was rabbit IgG. Unlabelled sample (Red line) was also used as a control.

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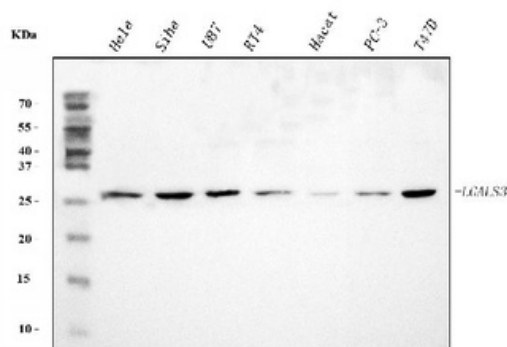
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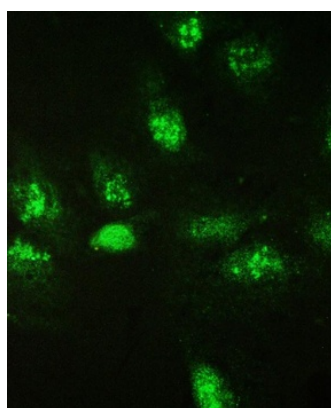
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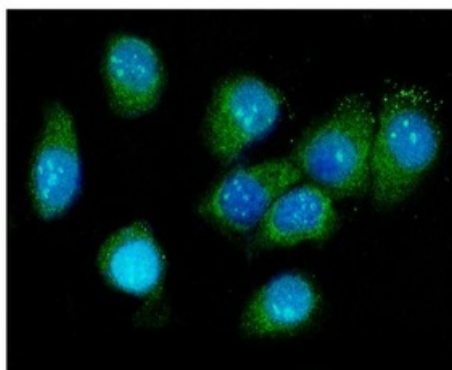
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WB analysis of Galectin-3 using anti-Galectin-3 antibody. Lane 1: human HeLa cell; 2: human SiHa cell; 3: human U87 cell; 4: human Hacat cell; 5: human PC-3 cell; 6: human T47D cell.



IF analysis of Galectin-3 using anti-Galectin-3 antibody. Galectin-3 was detected in immunocytochemical section of U20S cell.



IF analysis of Galectin-3 using anti-Galectin-3 antibody. Galectin-3 was detected in an immunocytochemical section of SiHa cells.

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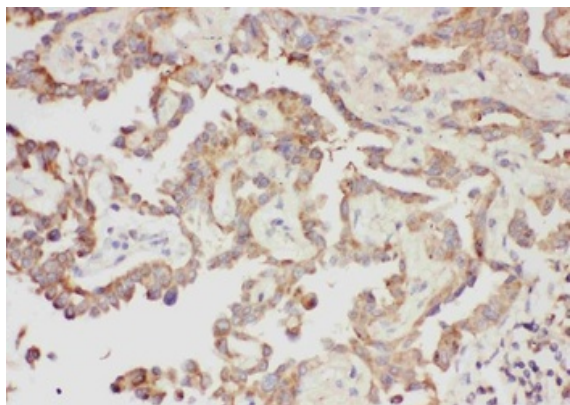
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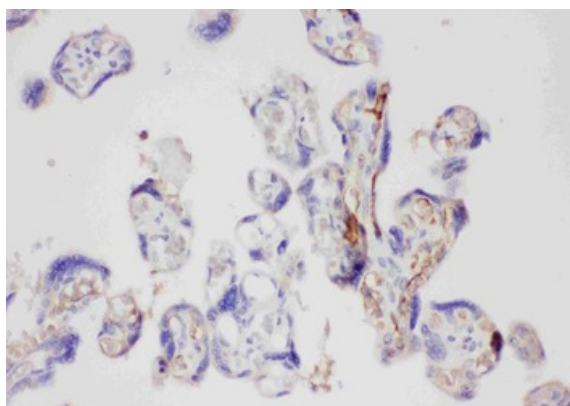
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IHC analysis of Galectin-3 using anti-Galectin-3 antibody. Galectin-3 was detected in paraffin-embedded section of Human Lung Cancer Tissue.



IHC analysis of Galectin-3 using anti-Galectin-3 antibody. Galectin-3 was detected in paraffin-embedded section of Human Placenta Tissue.

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