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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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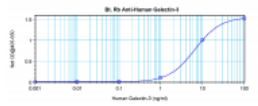
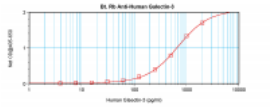
Galectin-3 Antibody (biotin)

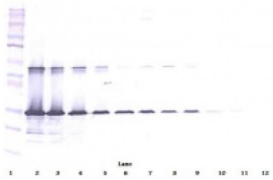
CATALOG NUMBER: 38-171



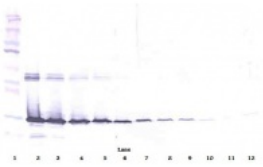
To detect hGalectin-3 by direct ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hGalectin-3.



To detect hGalectin-3 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 ug/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human Galectin-3 (38-170) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hGalectin-3.



To detect hGalectin-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGalectin-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



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Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Direct: To detect Galectin-3 by direct ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Galectin-3. Sandwich To detect Galectin-3 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL

	of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our polyclonal Anti-Human Galectin-3 as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Galectin-3. Western Blot: To detect Galectin-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant Galectin-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant Galectin-3. Human Galectin-3 specific antibody was purified by affinity chromatography and then biotinylated.
HOST SPECIES:	Rabbit

Properties

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	Galectin-3 antibody is stable for at least 2 years from date of receipt at -20˚C. The reconstituted antibody is stable for at least two weeks at 2-8˚C. Frozen aliquots are stable for at least 6 months when stored at -20˚C. Avoid repeated freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Biotin

Additional Info

ALTERNATE NAMES:	L31, GAL3, MAC2, CBP35, GALBP, GALIG, LGALS2, Galectin-3, 35 kDa lectin, Gal-3
ACCESSION NO.:	P17931
PROTEIN GI NO.:	215274262
OFFICIAL SYMBOL:	LGALS3
GENE ID:	3958

Background

BACKGROUND:	Galectins are a new family of animal lectins which appear to exhibit a variety of biological functions. Lectins, of either plant or animal origin, are carbohydrate binding proteins that interact with glycoprotein and glycolipids on the surface of animal cells.

FOR RESEARCH USE ONLY

December 13, 2016