

Galectin 1 Polyclonal Antibody, Biotin, PeproTech®

Product Details

Size	2 x 500 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit
Class	Polyclonal
Type	Antibody
Conjugate	Biotin
Immunogen	E.coli-derived Recombinant Human Galectin-1
Form	Lyophilized
Concentration	0.1-1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.2 µg/mL	-
ELISA (ELISA)	0.25-1.0 µg/mL	1 Publication

Product Specific Information

AA Sequence of recombinant protein: ACGLVASNLN LKPGECLRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM AADGDFKIKC VAFD.

Preparation: Produced from sera of rabbits immunized with highly pure Recombinant Human Galectin-1. Anti-Human Galectin-1-specific antibody was purified by affinity chromatography and then biotinylated.

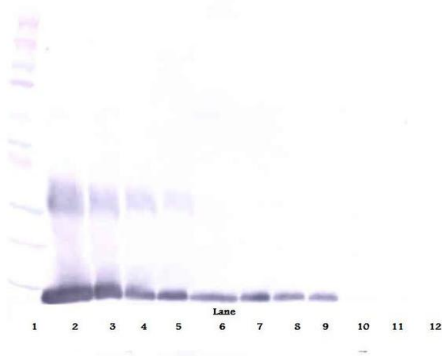
Sandwich ELISA: To detect hGalectin-1 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with PeproTech Polyclonal Anti-Human Galectin-1 (500-P210) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant hGalectin-1.

Western Blot: To detect hGalectin-1 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant hGalectin-1 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

500-P210BT-1MG will be provided as 2 x 500 µg

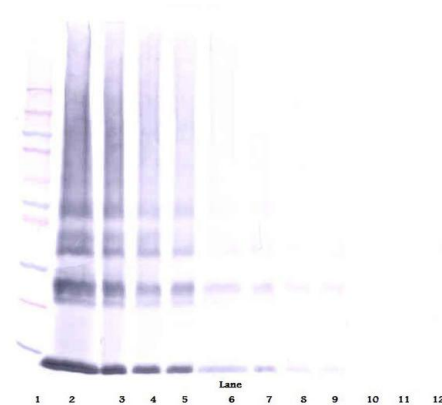
Galectin 1 Antibody (500-P210BT-1MG) in WB

Western Blot: To detect hGalectin-1 by Western Blot analysis Galectin 1 Polyclonal Antibody, Biotin (Product # 500-P210BT-1MG) can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant hGalectin-1 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



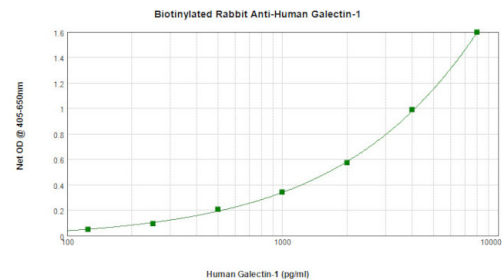
Galectin 1 Antibody (500-P210BT-1MG) in WB

Western Blot: To detect hGalectin-1 by Western Blot analysis Galectin 1 Polyclonal Antibody, Biotin (Product # 500-P210BT-1MG) can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant hGalectin-1 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.



Galectin 1 Antibody (500-P210BT-1MG) in ELISA

Sandwich ELISA: To detect hGalectin-1 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of Galectin 1 Polyclonal Antibody, Biotin (Product # 500-P210BT-1MG) is required. This biotinylated polyclonal antibody, in conjunction with PeproTech Galectin 1 Polyclonal Antibody (Product # 500-P210-1MG) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant hGalectin-1.



1 Reference

ELISA (1)

Proceedings of the National Academy of Sciences of the United States of America	Year 2008
T cell apoptosis at the maternal-fetal interface in early human pregnancy, involvement of galectin-1.	Species Human
Authors: Kopcow HD,Rosetti F,Leung Y,Allan DS,Kutok JL,Strominger JL	

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