

Galectin-1 Recombinant Rabbit mAb

Catalog # AP96386

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 galectin domain.
SUBUNIT	Homodimer. Binds LGALS3BP. Interacts with CD2, CD3, CD4, CD7, CD43 and CD45. Interacts with laminin (via poly-N-acetyllactosamine).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008].

Additional Information

Other Names	GAL1; GBP; Gal-1; Galbp; L-14.5; L14; Lect14; galectin-1; LEG1_HUMAN; LGALS1; 14 kDa laminin-binding protein (HLBP14); 14 kDa lectin; Beta-galactoside-binding lectin L-14-I; Galaptin; HBL; HPL; Lactose-binding lectin 1; Lectin galactoside-binding soluble 1; Putative MAPK-activating protein PM12; S-Lac lectin 1; LEG1_MOUSE; LEG1_RAT; RL 14.5; galectin 1; lectin, galactoside-binding, soluble, 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Galectin-1 Recombinant Rabbit mAb
Function	May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.