

Recombinant

DGRmAb®

**Galectin-9 (DGR15153) Rabbit mAb**

db15129

Package : 10µL 20µL 50µL 100µL

**Product Name :** Galectin-9 (DGR15153) Rabbit mAb**Cat.No.:** db15129**Synonyms :** gal-9; Lgals5; LGALS35; AA407335; AI194909; AI265545; galectin-9**Application :** WB**Reactivity :** Mouse**Host species :** Rabbit**Background**

Binds galactosides (By similarity). Has high affinity for the Forssman pentasaccharide (By similarity). Ligand for HAVCR2/TIM3 (By similarity). Binding to HAVCR2 induces T-helper type 1 lymphocyte (Th1) death (By similarity). Also stimulates bactericidal activity in infected macrophages by causing macrophage activation and IL1B secretion which restricts intracellular bacterial growth (PubMed:20937702). Ligand for P4HB; the interaction retains P4HB at the cell surface of Th2 T-helper cells, increasing disulfide reductase activity at the plasma membrane, altering the plasma membrane redox state and enhancing cell migration (PubMed:21670307). Ligand for CD44; the interaction enhances binding of SMAD3 to the FOXP3 promoter, leading to up-regulation of FOXP3 expression and increased induced regulatory T (iTreg) cell stability and suppressive function (PubMed:25065622).

**Immunogen**

Recombinant protein of mouse Galectin-9

**Gene ID**

16859

**Swiss Prot**

O08573

**Synonyms**

gal-9; Lgals5; LGALS35; AA407335; AI194909; AI265545; galectin-9

**Reactivity**

Mouse

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

40 kDa

**Observed MW**

40 kDa

**Host species**

Rabbit

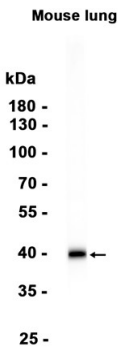
**Clonality**

Monoclonal

**Clonality No.**

DGR15153

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse lung tissue using db15129 at 1:1000.