

Datasheet: MCA6153GA

BATCH NUMBER 157926

Description:	MOUSE ANTI HUMAN GALECTIN-8
Specificity:	Galectin-8
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	106.1
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
ELISA	▪			1/50

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	Recombinant rat Galectin-8
External Database Links	<p>UniProt: O00214 Related reagents</p> <p>Entrez Gene: 3964 LGALS8 Related reagents</p>
Specificity	<p>Mouse anti Human galectin-8 antibody, clone 106.1, recognizes galectin-8 also known as Po66 carboxyhydrate binding protein. Galectin-8 expressed in many tissues including kidney, liver, cardiac muscle, lung, breast, colon, retina, pancreas, placenta, spleen, testis, uterus, vascular esophagus and brain (Hadari et al. 1995).</p> <p>Galectin-8 is a member of the galactin family of proteins which cross-link cell surface glycol proteins in the extracellular space upon secretion and plays a role in many biological processes including cell growth and migration. Studies have shown that galectin-8 can either positively or negatively regulate cell adhesion, depending on the extracellular context. When at high concentrations galectin-8 has also been shown to trigger antigen independent proliferation of CD4⁺ T cells. While at low levels galectin-8 can act in a co-stimulatory signaling capacity that synergizes antigen specific CD4⁺ T cell responses (Metz et al. 2016).</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6153GA 10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP
Goat Anti Mouse IgG (STAR76...)	RPE

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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