

Product datasheet for **TA320412**

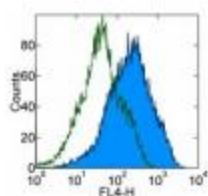
Lgals3 Rat Monoclonal Antibody [Clone ID: eBioM3/38 (M3/38)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	eBioM3/38 (M3/38)
Applications:	FC
Recommended Dilution:	Flow, ELISA, IHC, IP, WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lectin, galactose binding, soluble 3
Database Link:	NP_034835 Entrez Gene 16854 Mouse
Background:	The eBioM3/38 antibody reacts with mouse Galectin-3 (Mac-2). Galectins are a family of animal lectins which appear to exhibit a variety of biological functions. Galectin 3 (aka LGALS3, galactose-specific soluble lectin 3, Mac-2, L-29) is one of the more extensively studied members of this family and is a 30 kDa beta-galactoside-binding protein. Due to a C-terminal carbohydrate binding site, Galectin 3 is capable of binding IgE and mammalian cell surfaces only when homodimerized or homo-oligomerized. Galectin 3 is normally distributed in epithelia of many organs and various inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The expression of this lectin is up-regulated during inflammation, cell proliferation, cell differentiation and through trans-activation by viral proteins. This monoclonal antibody eBioM3/38 crossreacts to human Galectin-3 (LGALS3).
Synonyms:	CBP35; GAL3; GALBP; GALIG; L-31; LGALS2; MAC-2; MAC2



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Product images:

Staining of mouse thioglycolate-induced peritoneal exudate cells (PECs) with 0.25 ug of Rat IgG2a K Isotype Control Purified (open histogram) or 0.25 ug of Anti-Human/Mouse Galectin-3 Purified (filled histogram) followed by F(ab')₂ Anti-Rat IgG APC. Total viable cells were used for analysis.