

A Reliable Research Partner in Life Science and Medicine

AF/LE Purified Anti-Mouse/Human GAL3 Antibody[M3/38]

catalog number: AN003440

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse/Human

Immunogen Recombinant Mouse GAL3 protein

Host Rat

Isotype Rat IgG2a, κ

Clone M3/38

Purification >98%, Protein A/G purified

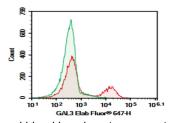
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Human peripheral blood lymphocytes were stained with 0.2

μg AF/LE Purified Anti-Mouse/Human GAL3

Antibody[M3/38] (Right) and 0.2 μg Mouse IgG2a, κ Isotype

Control (Left), followed by Elab Fluor[®] 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

Shipping Ice bag

Background

Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis. In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells. Together with TRIM16, coordinates the recognition of membrane damage with mobilization of the core autophagy regulators ATG16L1 and BECN1 in response to damaged endomembranes.

For Research Use Only

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Rev. V1.5