



Galectin-3 Mouse Monoclonal Antibody

E12-063

Catalog Number: E12-063**Amount:** 100µg/100µl**Clone Number:** 6G2

Background: Galectin 3 is one of the more extensively studied members of this family and is a 30 kDa protein. Due to a C-terminal carbohydrate binding site, Galectin 3 is capable of binding IgE and mammalian cell surfaces only when homodimerized or homooligomerized. Galectin 3 is normally distributed in epithelia of many organs, in 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.

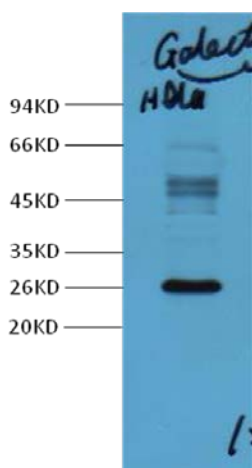
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

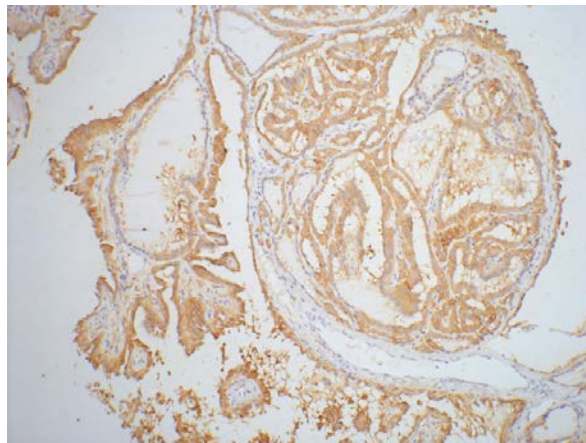
Specificity/Sensitivity: Galectin-3 Mouse monoclonal antibody detects endogenous Galectin-3 proteins. (26KD).

Reactivity: Human

Applications: WB: 1:1,000~3,000 IHC: 1:200



Western blot analysis of Hela cell lysate with Galectin-3 mAb diluted at 1:3,000.



IHC staining of Human thyroid tissue paraffin-embedded with Galectin-3 mouse mAb (6G2) diluted at 1:200.

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