

Galectin 3 Monoclonal Antibody

Catalog No. E-AB-70177

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

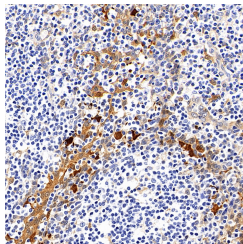
Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant protein corresponding to Mouse Mac2 |
| Host | Mouse |
| Isotype | IgG |
| Clone | 3G7F11 |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4 |

Applications Recommended Dilution

| | |
|------------|--------------|
| IHC | 1:300-1:1000 |
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Data



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using Galectin 3 Monoclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides. Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell, being present on the cell surface or in the extracellular space. Galectin-3 is involved in various biological processes including cell growth, adhesion, differentiation, apoptosis, angiogenesis, immune response, neoplastic transformation and metastasis.

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