

# Galectin 3 Recombinant Rabbit Monoclonal Antibody (JF39-10)

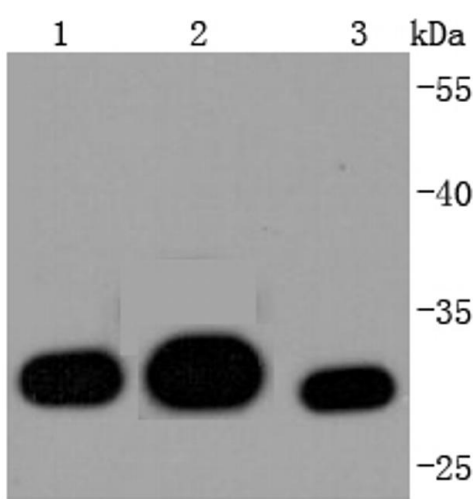
| Product Details    |  |
|--------------------|--|
| Size               | 100 µL   |
| Species Reactivity | Human, Rat   |
| Host/Isotype       | Rabbit / IgG   |
| Expression system  | HEK293 cells   |
| Class              | Recombinant Monoclonal   |
| Type               | Antibody   |
| Clone              | JF39-10  |
| Conjugate          | Unconjugated   |
| Immunogen          | Synthetic peptide within Human Galectin 3 aa 1-49  |
| Form               | Liquid   |
| Concentration      | 1 mg/mL  |
| Purification       | Protein A  |
| Storage buffer     | TBS, pH 7.4, with 40% Glycerol, 0.05% BSA  |
| Contains           | 0.05% sodium azide   |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID               | AB_2809804   |

| Applications                              | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB)                         | 1:500-1:2,000   | -            |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:200-1:1,000   | -            |
| Immunocytochemistry (ICC/IF)              | 1:50-1:200      | -            |
| Flow Cytometry (Flow)                     | 1:50-1:100      | -            |

## Product Specific Information

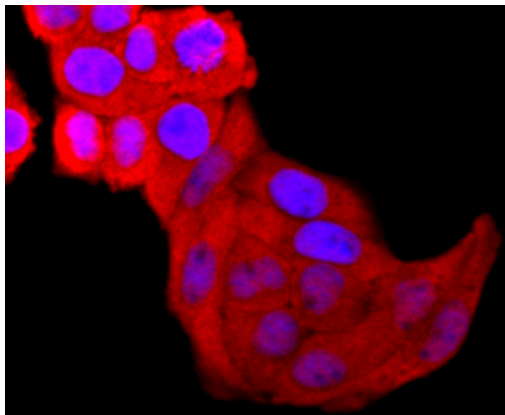
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For Galectin 3 Recombinant Rabbit Monoclonal Antibody (JF39-10)



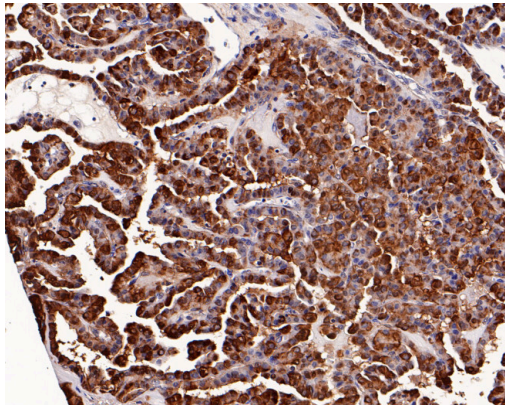
**Galectin 3 Antibody (MA5-32527) in WB**

Western blot analysis of Galectin 3 in different lysates using a Monoclonal antibody (Product #MA5-32527) at a dilution of 1:1,000. Positive control: Lane 1: Hela, Lane 2: NIH/3T3, Lane 3: THP-1.



**Galectin 3 Antibody (MA5-32527) in ICC/IF**

Immunocytochemical analysis of Galectin 3 in Hela cells using a Galectin 3 Monoclonal antibody (Product # MA5-32527) as seen in red. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



**Galectin 3 Antibody (MA5-32527) in IHC (P)**

Immunohistochemical analysis of Galectin 3 on formalin-fixed paraffin-embedded human thyroid carcinoma tissue. The section was pre-treated using heat-mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissue was blocked in 1% BSA for 20 minutes at room temperature, then probed with Galectin 3 Recombinant Rabbit Monoclonal Antibody (JF39-10) (Product # MA5-32527) at 1:200 dilution for 1 hour at room temperature. HRP conjugated compact polymer system and DAB chromogen were used as the detection system, followed by counterstaining with hematoxylin. The slide was mounted with DPX and the image was captured at 200X magnification.

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