

# Gata-4 Recombinant Rabbit Monoclonal Antibody (JA11-41)

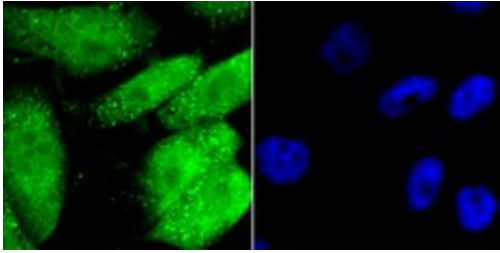
| Product Details    |  |
|--------------------|--|
| Size               | 100 µL   |
| Species Reactivity | Human, Mouse, Rat  |
| Host/Isotype       | Rabbit / IgG   |
| Class              | Recombinant Monoclonal   |
| Type               | Antibody   |
| Clone              | JA11-41  |
| Conjugate          | Unconjugated   |
| Immunogen          | Human GATA4 aa 1-100   |
| 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_2809955   |

| Applications              | Tested Dilution | Publications |
|---------------------------|-----------------|--------------|
| Western Blot (WB)         | 1:500-1:1,000   | -            |
| Immunocytochemistry (ICC) | 1:50-1:200      | -            |
| Immunofluorescence (IF)   | 1:50-1:200      | -            |
| Flow Cytometry (Flow)     | 1:50-1:100      | -            |

## Product Specific Information

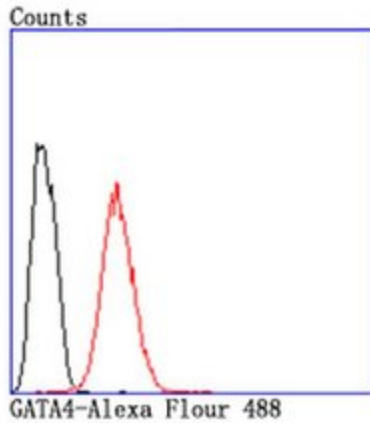
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages 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 Gata-4 Recombinant Rabbit Monoclonal Antibody (JA11-41)



### Gata-4 Antibody (MA5-32678) in ICC

Immunocytochemical analysis of Gata-4 in PC-3M cells using a Gata-4 Monoclonal antibody (Product # MA5-32678) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100 /PBS.



### Gata-4 Antibody (MA5-32678) in Flow

Flow Cytometric analysis of Gata-4 in HeLa cells using a Gata-4 Monoclonal Antibody (Product # MA5-32678) at a dilution of 1:50, as seen in red compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

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