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MGEA5/OGA Rabbit mAb

Catalog No.: A24124 Recombinant

Basic Information

Observed MW
130kDa

Calculated MW
103kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC65434

Background

The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:100 - 1:500

Immunogen Information

Gene ID
10724

Swiss Prot
O60502

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 433-633 of human MGEA5/OGA（NP_036347.1） .

Synonyms
MEA5; MGEA5; NCOAT

Contact

400-999-6126

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Product Information

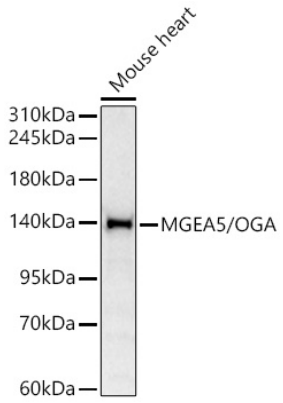
Source
Rabbit

Isotype
IgG

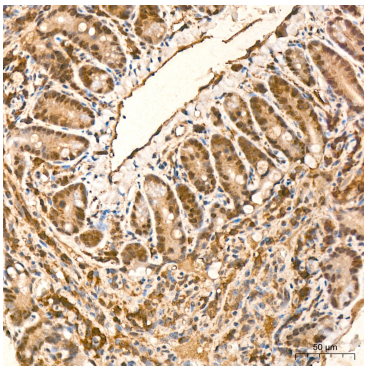
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

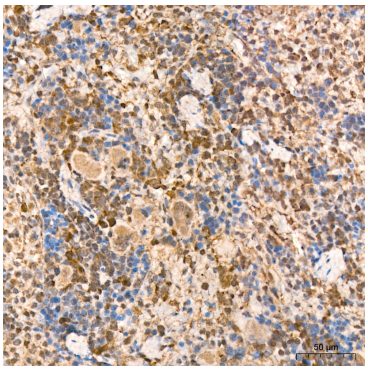
Validation Data



Western blot analysis of lysates from Mouse heart using MGEA5/OGA Rabbit mAb(A24124) at 1:3000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposuretime:30s.



Immunohistochemistry analysis of MGEA5/OGA in paraffin-embedded mouse colon tissue using MGEA5/OGA Rabbit mAb (A24124) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of MGEA5/OGA in paraffin-embedded rat spleen tissue using MGEA5/OGA Rabbit mAb (A24124) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.