
Product Name: MGEA5 Rabbit Monoclonal Antibody**Catalog #: AMRe87660**

For research use only.

Summary

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,IP |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|----------------------------------------------|
| Dilution Ratio | WB 1:1000-1:5000,IHC 1:50-1:100,IP 1:20-1:50 |
| Molecular Weight | Calculated MW:103 kDa; Observed MW:130 kDa |

Antigen Information

| | |
|--------------------------|------------------------------------|
| Gene Name | MGEA5 |
| Alternative Names | OGA; MEA5; NCOAT |
| Gene ID | 10724 |
| SwissProt ID | O60502 |
| Immunogen | A synthetic peptide of human MGEA5 |

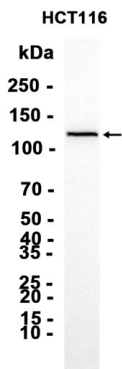
Background

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]).[supplied by OMIM, Mar 2008]

Research Area

Image Data



Western blot analysis of extracts from HCT116 cells using MGEA5 Rabbit Monoclonal Antibody at 1:5000.