

## Glutamine Synthetase (ABT167) Rabbit mAb

CatalogNo: YM6267

Recombinant  IHC

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- IHC

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Recommended Dilution Ratios

IHC 1:200-1:400

### Basic Information

**Clonality** Monoclonal

**Clone Number** ABT167

### Immunogen Information

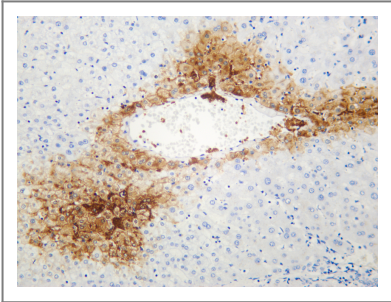
**Immunogen** The specific immunogen used to produce this antibody is proprietary information.

**Specificity** Endogenous

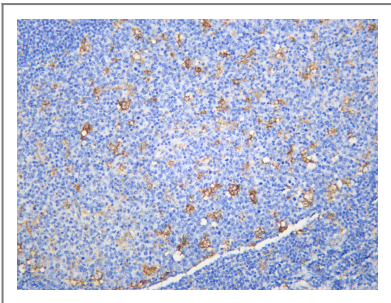
### Target Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                         |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|
| Gene name             | GLUL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                         |
| Protein Name          | Glutamine synthetase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                         |
|                       | Organism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Gene ID                | UniProt ID              |
|                       | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">2752;</a>  | <a href="#">P15104;</a> |
|                       | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">14645;</a> | <a href="#">P15105;</a> |
|                       | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">24957;</a> | <a href="#">P09606;</a> |
| Cellular Localization | Cytoplasm , Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                         |
| Tissue specificity    | Expressed in endothelial cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                         |
| Function              | Catalytic activity:ATP + L-glutamate + NH (3) = ADP + phosphate + L-glutamine.<br>,Disease:Defects in GLUL are the cause of congenital systemic glutamine deficiency (CSGD) [MIM:610015]. CSGD is a rare developmental disorder with severe brain malformation resulting in multi-organ failure and neonatal death. Glutamine is largely absent from affected patients serum , urine and cerebrospinal fluid. ,online information:Glutamine synthetase entry ,similarity:Belongs to the glutamine synthetase family. ,subunit:Homooctamer. , |                        |                         |

| Validation Data



Human liver was stained with anti-Glutamine Synthetase Rabbit antibody



Human tonsil was stained with anti-Glutamine Synthetase Rabbit antibody

| Contact information

Orders: order@immunoway.com  
Support: tech@immunoway.com  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: http://www.immunoway.com  
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Please scan the QR code to  
access additional product  
information:

**Glutamine Synthetase  
(ABT167) Rabbit mAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

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