

# Anti-ASS1 [R02-7A8] Monoclonal Antibody

## AGMB01837

### Description

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This Anti-ASS1 [R02-7A8] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|-----------------------|-----------------------------------------------------------------------------------|
| <b>SKU:</b>           | AGMB01837                                                                         |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                               |
| <b>Synonyms:</b>      | Argininosuccinate synthase 1, ASS, ass1, ASSA, Citrulline aspartate ligase, CTLN1 |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-F</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b> <b>IP</b>             |
| <b>Research Area:</b> | Signal Transduction                                                               |
| <b>Form:</b>          | Liquid                                                                            |

### Antibody Data

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|                      |                                   |
|----------------------|-----------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                 |
| <b>Clone:</b>        | R02-7A8                           |
| <b>Clonality:</b>    | Monoclonal Antibody               |
| <b>SwissProt ID:</b> | P00966                            |
| <b>Immunogen:</b>    | A synthetic peptide of human ASS1 |
| <b>Gene ID:</b>      | 445                               |

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Gene Name:</b>        | ASS1                                       |
| <b>Host Species:</b>     | Rabbit                                     |
| <b>Isotype:</b>          | IgG                                        |
| <b>Purification:</b>     | Affinity Purified                          |
| <b>Conjugated:</b>       | Unconjugated                               |
| <b>Modification:</b>     | Unmodified                                 |
| <b>Molecular Weight:</b> | Calculated MW: 47 kDa, Observed MW: 47 kDa |

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

| <b>Antibody Dilution Ratio:</b> | Application | Antibody Dilution Ratio |
|---------------------------------|-------------|-------------------------|
|                                 | WB          | 1:1000-1:5000           |
|                                 | IHC-P       | 1:500-1:2000            |
|                                 | ICC/IF      | 1:50-1:100              |
|                                 | FC          | 1:50-1:100              |
|                                 | IP          | 1:10-1:100              |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.