

# Anti-HLA-DQA1 [R05-1E1] Monoclonal Antibody

## AGMB02693

### Description

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This Anti-HLA-DQA1 [R05-1E1] 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>           | AGMB02693                                                     |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)           |
| <b>Synonyms:</b>      | DQ A1, DC-alpha, DC-1 alpha chain, DC alpha, DC 1 alpha chain |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>IP</b>                              |
| <b>Research Area:</b> | Immunology                                                    |
| <b>Form:</b>          | Liquid                                                        |

### Antibody Data

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|                      |                                                   |
|----------------------|---------------------------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                                 |
| <b>Clone:</b>        | R05-1E1                                           |
| <b>Clonality:</b>    | Monoclonal Antibody                               |
| <b>SwissProt ID:</b> | P01909                                            |
| <b>Immunogen:</b>    | A synthesized peptide derived from human HLA-DQA1 |
| <b>Gene ID:</b>      | 3117                                              |
| <b>Gene Name:</b>    | HLA-DQA1                                          |

#### Manufacturers Statement

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Host Species:</b>     | Rabbit                                     |
| <b>Isotype:</b>          | IgG                                        |
| <b>Purification:</b>     | Affinity Chromatography                    |
| <b>Conjugated:</b>       | Unconjugated                               |
| <b>Modification:</b>     | Unmodified                                 |
| <b>Molecular Weight:</b> | Calculated MW: 28 kDa, Observed MW: 28 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 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

| <b>Antibody Dilution Ratio:</b>           | Application                                                                                                                                                                                                                                             | Antibody Dilution Ratio |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
|                                           | WB                                                                                                                                                                                                                                                      | 1:1000-1:2000           |
|                                           | IHC                                                                                                                                                                                                                                                     | 1:100-1:200             |
|                                           | IP                                                                                                                                                                                                                                                      | 1:50                    |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol. |                         |