

# Product Data Sheet

## Mouse Anti-Human IgG4 - Cyanine5

| Catalog #                | Source                                                                                                           | Reactivity | Applications  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|------------|---------------|
| CSA4452                  | Mouse                                                                                                            | H          | E, IH, IF, FC |
| <b>Description</b>       | Mouse Monoclonal Secondary Antibody to Human IgG4 Cyanine5 labeled                                               |            |               |
| <b>Immunogen</b>         | Human IgG4                                                                                                       |            |               |
| <b>Purification</b>      | The antibody was isolated from ascitic by immunoaffinity chromatography using antigens coupled to agarose beads. |            |               |
| <b>Specificity</b>       | By immunoelectrophoresis and ELISA this antibody reacts specifically with Human IgG4 heavy chain.                |            |               |
| <b>Clonality</b>         | Monoclonal                                                                                                       |            |               |
| <b>Conjugation</b>       | Cyanine5                                                                                                         |            |               |
| <b>Form</b>              | 1 mg/ml. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.02% Sodium Azide  |            |               |
| <b>Dilution</b>          | IH (1/100 - 1/1000), IF (1/100 - 1/1000), FC (1/1000 - 1/4000), E (Use at an assay dependent concentration)      |            |               |
| <b>Fluorophore</b>       | Ex/Em = 645/663 nm                                                                                               |            |               |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                 |            |               |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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www.cohesionbio.com

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