

# Product Data Sheet

## Anti-His-tag Antibody - AcalephFluor555

| Catalog #                | Source                                                                                                            | Reactivity | Applications |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CSA5005                  | Mouse                                                                                                             | N/A        | IF, FC       |
| <b>Description</b>       | Mouse monoclonal antibody to His-tag AcalephFluor555 labeled                                                      |            |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence of His-tag.                                              |            |              |
| <b>Purification</b>      | The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads. |            |              |
| <b>Specificity</b>       | Recognizes C-terminal, internal, and N-terminal His-tag fusion proteins.                                          |            |              |
| <b>Clonality</b>         | Monoclonal                                                                                                        |            |              |
| <b>Conjugation</b>       | AcalephFluor555                                                                                                   |            |              |
| <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>          | IF (1/500 - 1/2000), FC (1/1000 - 1/4000)                                                                         |            |              |
| <b>Fluorophore</b>       | Ex/Em = 555/565 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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