

# Product Data Sheet

## Anti-His-tag Antibody - Cy5.5

Catalog #	Source	Reactivity	Applications
CSA5021	Mouse	N/A	WB, IF, FC
<b>Description</b>	Mouse monoclonal antibody to His-tag Cy5.5 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>	Cy5.5		
<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>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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