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# Mouse (E1D5H) mAb IgG3 Isotype Control



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**For Research Use Only. Not for Use in Diagnostic Procedures.**

| Applications:                             | Sensitivity:  | Source/Isotype: |
|---|---|-----------------|
| IP, IHC-P, IF-F, IF-IC, FC-FP, FC-L, ChIP | Endogenous  | Mouse IgG3      |
| <b>Product Usage Information</b>          | <b>Important!</b> This control antibody must be diluted to the same concentration (not dilution) as the specific antibody used in analysis. Higher background fluorescence may result if excessive amounts of isotype control are used. For protocol details, please reference the product page for the specific antibody used in analysis. |                 |
| <b>Storage</b>                            | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.  |                 |
| <b>Specificity/Sensitivity</b>            | Mouse (E1D5H) mAb IgG3 Isotype Control is not directed against any known antigen. It functions as an isotype control for mouse IgG3 monoclonal antibodies.  |                 |
| <b>Background</b>                         | Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to F <sub>c</sub> receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.                         |                 |

## Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

## Applications Key

**IP:** Immunoprecipitation **IHC-P:** Immunohistochemistry (Paraffin) **IF-F:** Immunofluorescence (Frozen) **IF-IC:** Immunofluorescence (Immunocytochemistry) **FC-FP:** Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live) **ChIP:** Chromatin IP

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