

## Product Data Sheet: Purified anti-KLH Rabbit mAb Isotype Control rabbit mAb

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| <b>Catalog Number:</b>        | 2141   |
| <b>Clone:</b>                 | KLH-G9   |
| <b>Isotype:</b>               | Rabbit IgG1κ   |
| <b>Immunogen:</b>             | Keyhole limpet hemocyanin carrier protein.                   |
| <b>Cross Reactivity:</b>      | None Known   |
| <b>Preparation:</b>           | Protein A+G  |
| <b>Formulation:</b>           | 1X PBS, 0.02% NaN <sub>3</sub> , 50% Glycerol, 0.1% BSA      |
| <b>Applications:</b>          | ELISA,WB,Flow Cytometry                                      |
| <b>Recommended Usage:</b>     | Use at the same concentration as the specific test antibody. |
| <b>Product Configuration:</b> | 200 ul (0.5mg/ml)  |
| <b>Detection:</b>             | Anti-Rabbit IgG  |

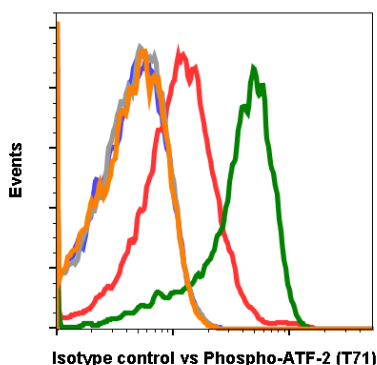
### Description

Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to Fc 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. This rabbit mAb was elicited by KLH immunization and selected using KLH antigen. This IgG1 isotype control antibody has been tested in ELISA, Western blot and flow cytometry using a variety of protein and peptide antigens (ELISA), cell lysates and detection systems (Western blot) and cell lines (flow cytometry), and no non-specific binding was observed when used in any application.

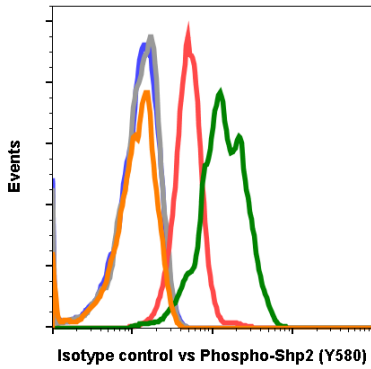
### References

N/A

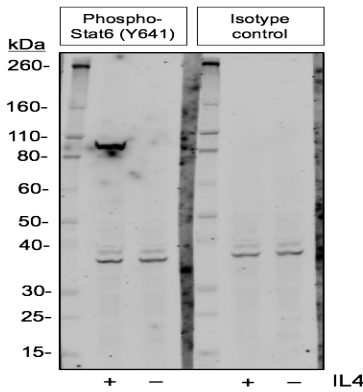
### Purified anti-KLH Rabbit mAb Isotype Control rabbit mAb Images



KLH-G9 does not show non-specific binding to human cells. Flow cytometric analysis of Jurkat cells, secondary antibody only (blue), or untreated (grey) or treated with anisomycin (orange) using isotype control antibody KLH-G9 Cat. #2141, compared to untreated (red) or treated with anisomycin (green) using Phospho-ATF-2 (T71) antibody ATF2T71-G3 Cat. #2056, both tested at 0.1 µg/mL.



KLH-G9 does not show non-specific binding to mouse cells. Flow cytometric analysis of NIH3T3 cells, secondary antibody only (blue), or treated with imatinib (grey) or with pervanadate (orange) using isotype control antibody KLH-G9 Cat. #2141, compared to imatinib (red) or pervanadate (green) using Phospho-Shp2 (Y580) antibody Shp2Y580-4A2 Cat. #2101, both tested at 0.1 µg/mL.



KLH-G9 does not show non-specific binding in Western blot applications. Western blot analysis of Daudi cells, untreated or treated with 200 ng/mL IL-4 using isotype control antibody KLH-G9 Cat. #2141, or using Phospho-Stat6 (Y641) antibody Stat6Y641-G12 Cat. #1146, both tested at 0.01 µg/mL.