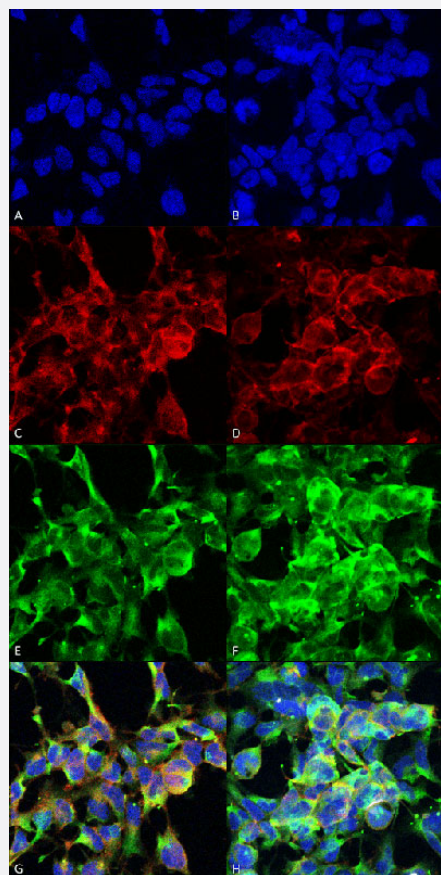


Methylglyoxal monoclonal antibody, clone 9E7 (Biotin)

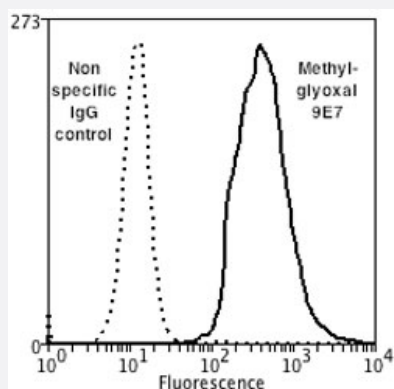
Catalog # MAB16491 Size 100 ug

Applications



Immunocytochemistry

Immunocytochemical staining of HEK293 with Methylglyoxal monoclonal antibody, clone 9E7 (Biotin) (Cat # MAB16491). (A, B) DAPI (blue) nuclear stain, (C, D) Phalloidin Alex Fluor 633 F-Actin stain, (E, F) Methylglyoxal Antibody and (G, H) Composite. (A, C, E, G) Untreated and (B, D, F, H) Cells cultured overnight with 50 uM H₂O₂.



Flow Cytometry

Flow cytometric analysis of SH-SY5Y with Methylglyoxal monoclonal antibody, clone 9E7 (Biotin) (Cat # MAB16491).

Specification

| | |
|----------------------------|---|
| Product Description | Mouse monoclonal antibody raised against synthetic Methylglyoxal (MG). |
| Immunogen | Synthetic Methylglyoxal modified Keyhole Limpet Hemocyanin (KLH). |
| Host | Mouse |
| Reactivity | Human |
| Form | Liquid |
| Conjugation | Biotin |
| Purification | Protein G purification |
| Isotype | IgG2a |
| Recommend Usage | ELISA (1:1000) Flow Cytometry (1:50) Immunocytochemistry (1:50) Immunofluorescence (1:50) Western Blot (1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide). |
| Storage Instruction | Store at -20°C. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot
- Immunocytochemistry
Immunocytochemical staining of HEK293 with Methylglyoxal monoclonal antibody, clone 9E7 (Biotin) (Cat # MAB16491). (A, B) DAPI (blue) nuclear stain, (C, D) Phalloidin Alex Fluor 633 F-Actin stain, (E, F) Methylglyoxal Antibody and (G, H) Composite. (A, C, E, G) Untreated and (B, D, F, H) Cells cultured overnight with 50 uM H₂O₂.
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of SH-SY5Y with Methylglyoxal monoclonal antibody, clone 9E7 (Biotin) (Cat # MAB16491).