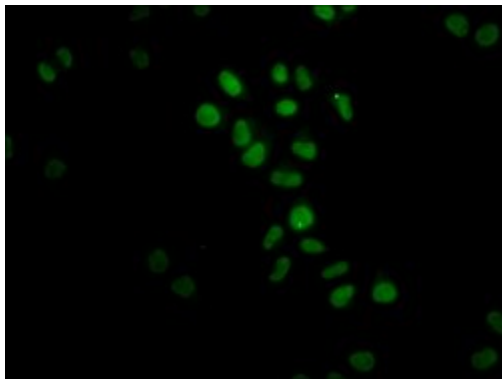


FTO Recombinant Rabbit Monoclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human |
| Host/Isotope | Rabbit / IgG |
| Class | Recombinant Monoclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | A synthesized peptide derived from human FTO |
| Form | Liquid |
| Concentration | 0.26 mg/mL |
| Purification | Protein G |
| Storage buffer | PBS, pH 7.4, with 50% glycerol |
| Contains | 0.02% sodium azide |
| Storage Conditions | -20° C, Avoid Freeze/Thaw Cycles |
| RRID | AB_2812035 |

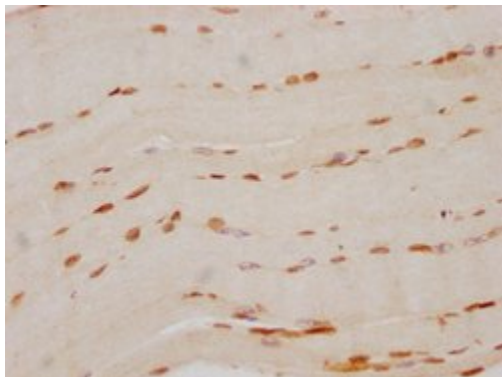
| Applications | Tested Dilution | Publications |
|---|-----------------|--------------|
| ELISA (ELISA) | Assay-Dependent | - |
| Immunocytochemistry (ICC) | 1:20-1:200 | - |
| Immunofluorescence (IF) | 1:20-1:200 | - |
| Immunohistochemistry (IHC) | 1:50-1:200 | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | Assay-Dependent | - |
| Western Blot (WB) | 1:500-1:5000 | - |

Product Images For FTO Recombinant Rabbit Monoclonal Antibody



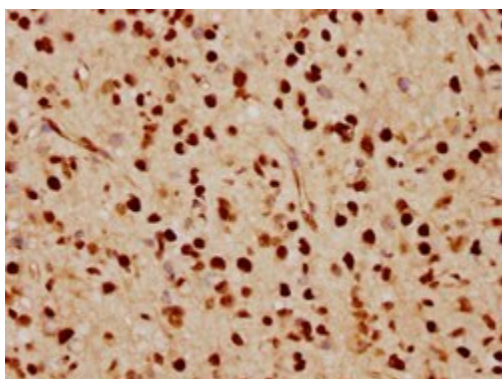
FTO Antibody (MA5-33221) in IF

Immunofluorescent analysis of FTO in HeLa cells using a FTO monoclonal antibody (Product # MA5-33221) at a dilution of 1:23. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L). Cells were counter-stained with DAPI.



FTO Antibody (MA5-33221) in IHC (P)

Immunohistochemical analysis of FTO in paraffin embedded human skeletal muscle tissue using a FTO monoclonal antibody (Product # MA5-33221) at a dilution of 1:70. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



FTO Antibody (MA5-33221) in IHC (P)

Immunohistochemical analysis of FTO in paraffin embedded human glioma cancer using a FTO monoclonal antibody (Product # MA5-33221) at a dilution of 1:70. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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