9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KO-Validated Anti-FTO Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2440

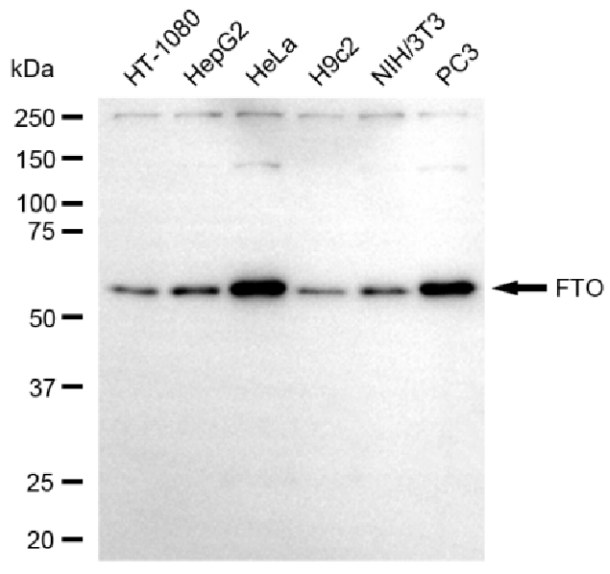
Product Overview

Name	KO-Validated Anti-FTO Mouse Monoclonal Antibody
Accession(Primary)	Q9C0B1
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human FTO
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 58 kDa; observed, 58 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:500-1:2,500Flow Cytometry (FCM): 1:2,000

Target information (Q9C0B1)

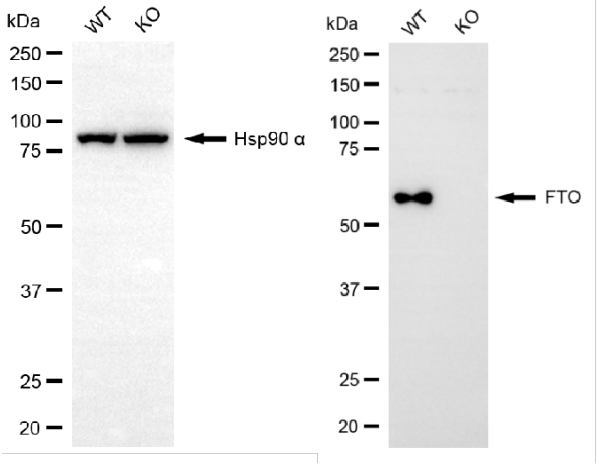
Gene Name	FTO
About Gene Symbol	FTO (FTO Alpha-Ketoglutarate Dependent Dioxygenase) is a metabolic enzyme involved in translational regulation. It is an important research target in metabolic disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets

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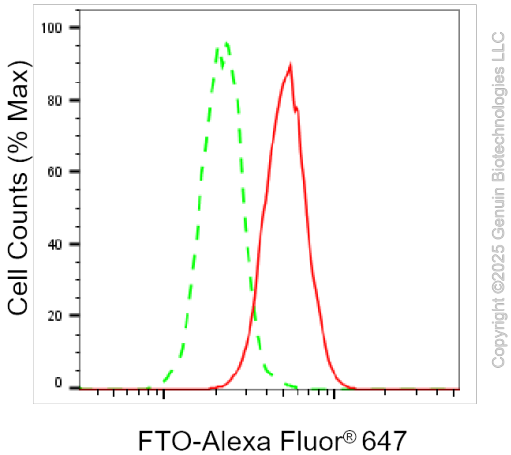
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Western blotting analysis using anti-FTO antibody (Cat#ABG2440). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FTO antibody (Cat#ABG2440, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-FTO antibody (Cat#ABG2440). FTO expression in wild-type (WT) and FTO knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FTO antibody (Cat#ABG2440, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of FTO expression in HeLa cells using anti-FTO antibody (Cat#ABG2440, 1:2,000). Green, isotype control; red, FTO.