

FTO monoclonal antibody, clone AG103

Catalog # MAB16077 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FTO.
Immunogen	Recombinant protein corresponding to human FTO.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2a, kappa
Recommend Usage	ELISA (1:2000-5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) Immunoprecipitation (5 ug/mL) Western Blot (1:2000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4.
Storage Instruction	For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — FTO

Entrez GeneID [79068](#)

Protein Accession# [Q9C0B1](#)

Gene Name FTO

Gene Alias KIAA1752, MGC5149

Gene Description fat mass and obesity associated

Omim ID [601665 610966](#)

Gene Ontology [Hyperlink](#)

Gene Summary The exact function of this gene is not know. Studies in mice suggest that it may be involved in nucleic acid demethylation, and that its mRNA level is regulated by feeding and fasting. Genomewide association studies of type 2 diabetes indicate this gene as a diabetes susceptibility locus. Mutation in this gene has been associated with growth retardation, developmental delay, coarse facies, and early death. [provided by RefSeq]

Other Designations -

Disease

- [Anorexia Nervosa](#)
- [Appetite](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Coronary Artery Disease](#)

- [Cues](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Failure to Thrive](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [HIV Infections](#)
- [Hyperandrogenism](#)
- [Hyperglycemia](#)
- [Hyperphagia](#)
- [Hypertension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)

- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Satiation](#)
- [Satiety Response](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Wolfram Syndrome](#)