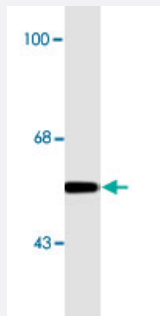


Fto monoclonal antibody, clone 5-2H10

Catalog # MAB8175 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of rat testis lysate showing specific immunolabeling of the ~ 58 kDa Fto protein.

Specification

Product Description Mouse monoclonal antibody raised against synthetic peptide of Fto.

Immunogen A synthetic peptide corresponding to N-terminus of rat Fto.

Host Mouse

Theoretical MW (kDa) 58

Reactivity Human, Mouse, Rat

Specificity Specific for endogenous levels of the ~58 kDa FTO protein.

Form Liquid

Purification Protein G purification

Isotype IgG

Recommend Usage Immunofluorescence (1:100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 0.1 mg/mL BSA).

Storage Instruction

Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot of rat testis lysate showing specific immunolabeling of the ~ 58 kDa Fto protein.

- Immunofluorescence

Publication Reference

- [Inactivation of the Fto gene protects from obesity.](#)

Fischer J, Koch L, Emmerling C, Vierkotten J, Peters T, Bruning JC, Ruther U.

Nature 2009 Feb; 458(7240):894.

- [The obesity gene, FTO, is of ancient origin, up-regulated during food deprivation and expressed in neurons of feeding-related nuclei of the brain.](#)

Fredriksson R, Hagglund M, Olszewski PK, Stephansson O, Jacobsson JA, Olszewska AM, Levine AS, Lindblom J, Schioth HB.

Endocrinology 2008 May; 149(5):2062.