

## Datasheet

### FUS monoclonal antibody, clone IHC-6

**Catalog Number:** MAB20064

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit monoclonal antibody raised against synthetic peptide of human FUS.

**Clone Name:** IHC-6

**Immunogen:** A synthetic peptide corresponding to human FUS.

**Host:** Rabbit

**Theoretical MW (kDa):** 53.426

**Reactivity:** Human

**Applications:** Flow Cyt, ICC, IF, IHC, WB-Ce  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Affinity purification

**Isotype:** IgG

**Recommend Usage:** Flow Cytometry (1:50)

Immunocytochemistry (1:50-1:200)

Immunofluorescence (1:50-1:200)

Immunohistochemistry (1:50-1:200)

Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction:** Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Entrez GeneID:** 2521

**Gene Symbol:** FUS

**Gene Alias:** CHOP, FUS-CHOP, FUS1, TLS, TLS/CHOP, hnRNP-P2

**Gene Summary:** This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6. [provided by RefSeq]