

Mouse Monoclonal Antibody to MSI2

Catalogue Number	sAP-0530
Target Molecule	Name: MSI2 Aliases: MSI2H; MGC3245; FLJ36569; MSI2 MW: 35kDa Entrez Gene ID: 124540
Description	<p>Msi2 (musashi homolog 2), also known as MSI2H, is a 328 amino acid protein that localizes to the cytoplasm and contains two RRM (RNA recognition motif) domains. Expressed ubiquitously at low levels, Msi2 functions as an RNA binding protein that, by regulating the expression of target mRNAs, is thought to play a role in the proliferation and maintenance of stem cells within the central nervous system. Msi2 is subject to posttranslational phosphorylation and is upregulated in response to brain injury, suggesting a role in healing and brain tissue regeneration. Chromosomal aberrations involving the Msi2 gene are associated with the progression of chronic myeloid leukemia. Multiple isoforms of Msi2 exist due to alternative splicing events. Tissue specificity: Ubiquitous; detected at low levels.</p>
Immunogen	Purified recombinant fragment of human MSI2 expressed in E. Coli.
Recombinant Species	Human
Clone	MM2C11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Am J Hum Genet. 2009 Nov;85(5):628-42. ; 2. Haematologica. 2008 Dec;93(12):1903-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**