

## Mouse Monoclonal Antibody to ADAR

Catalogue Number	sAP-1527
Target Molecule	<b>Name:</b> ADAR <b>Aliases:</b> DSH; AGS6; G1P1; IFI4; P136; ADAR1; DRADA; DSRAD; IFI-4; K88DSRBP <b>MW:</b> 136kDa <b>Entrez Gene ID: 103</b>
Description	This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double-stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternative splicing results in multiple transcript variants.
Immunogen	Purified recombinant fragment of human ADAR (AA: 1085-1223) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4E2B5
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell Res. 2015 Apr;25(4):459-76. 2. PLoS One. 2014 Oct 1;9(10):e108476.

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 end users! This product is sold for **Research Use Only**