



# Anti-SYNCRIP monoclonal antibody, clone J9F5 (DCABH-99)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to hnRNP Q
<b>Antigen Description</b>	Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Component of the CRD-mediated complex that promotes MYC mRNA stability. Isoform 1, isoform 2 and isoform 3 are associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Isoform 1 binds to apoB mRNA AU-rich sequences. Isoform 1 is part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. Isoform 3 may be involved in cytoplasmic vesicle-based mRNA transport through interaction with synaptotagmins.
<b>Immunogen</b>	Recombinant untagged hnRNP-Q protein (human).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Human, Xenopus laevis
<b>Clone</b>	J9F5
<b>Purification</b>	Purified antibody (from supernatant).
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, Flow Cyt, ELISA, WB, IP

<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.1% Sodium Azide; Constituents: PBS
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SYNCRIP synaptotagmin binding, cytoplasmic RNA interacting protein [ Homo sapiens ]</a>
<b>Official Symbol</b>	SYNCRIP
<b>Synonyms</b>	SYNCRIP; synaptotagmin binding, cytoplasmic RNA interacting protein; heterogeneous nuclear ribonucleoprotein Q; dJ3J17.2; GRY RBP; hnRNP Q; HNRPQ1; NSAP1; NS1-associated protein 1; glycine- and tyrosine-rich RNA-binding protein; PP68; GRYRBP; GRY-RBP; hnR
<b>Entrez Gene ID</b>	<a href="#">10492</a>
<b>Protein Refseq</b>	<a href="#">NP_001153145</a>
<b>UniProt ID</b>	<a href="#">B7Z645</a>
<b>Chromosome Location</b>	6q14-q15
<b>Function</b>	RNA binding; nucleotide binding; protein binding;