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#### Datasheet for ABIN7116284

## anti-MCRS1 antibody



#### Overview

Quantity:	100 μg
Target:	MCRS1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MCRS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Immunogen:	microspherule protein 1
Clone:	5G3
Isotype:	lgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	MCRS1
Alternative Name:	MCRS1 (MCRS1 Products)
Background:	Synonyms:INO80Q, MSP58 Background:Modulates the transcription repressor activity of DAXX
	by recruiting it to the nucleolus(PubMed:11948183). As part of the NSL complex it may be

#### **Target Details**

involved in acetylation of nucleosomal histone H4 on several lysine residues(PubMed:20018852). Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. May also be an inhibitor of TERT telomerase activity(PubMed:15044100). Binds to G-quadruplex structures in mRNA(PubMed:16571602). Binds to RNA homopolymer poly(G) and poly(U)(PubMed:16571602).

Molecular Weight: 55 kDa

Gene ID: 10445

UniProt: Q96EZ8

#### **Application Details**

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months