OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA326508

Abcc8 Mouse Monoclonal Antibody [Clone ID: S289-16]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S289-16
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Mouse, Hamster, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1548-1582 (cytoplasmic C-terminus) of rat SUR1
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ATP binding cassette subfamily C member 8
Database Link:	NP_037171 Entrez Gene 20927 MouseEntrez Gene 25559 Rat Q09429
Background:	Sulfonylurea receptors (SUR) are membrane proteins which are the molecular targets of the sulfonylurea classof antidiabetic drugs whose mechanism of action is to promote insulin release from pancreatic beta cells. Morespecifically, SUR proteins are subunits of the inward rectifier potassium ion channels Kir6.x (6.1 and 6.2) .The association of four Kir6.x and four SUR subunits form an ion conducting channel commonly referred to as theKATP channel.The primary function of the sulfonylurea receptor is to sense intracellular levels of the nucleotides ATP and ADPand in response facilitate the open or closing its associated Kir6.x potassium channel. Hence the KATP channel monitors the energy balance within the cell .
Synonyms:	ABC36; HHF1; HI; HRINS; MRP8; PHHI; SUR; SUR1; TNDM2
Note:	Detects ~160kDa. Does not cross-react with SUR2B

View online »