

S100 Antibody, mAb, Mouse

Cat. No.	Name	Clone
V01001	S100 Antibody (2AC), mAb, Mouse	2AC
V01002	S100 Antibody (2BD1), mAb, Mouse	2BD1
V01003	S100 (beta-beta) Antibody (B7B), mAb, Mouse	B7B

Isotype	IgG1 for mAbs 2AC and 2BD1 IgG2a for mAb B7B
Production	Cultured <i>in vitro</i> under conditions free from animal-derived components
Purification	Protein A/G affinity column
Formulation	1) PBS, pH 7.4, containing 0.03% Proclin 300 2) 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300 *
	*: For new batch since 09/01/2018, please refer to COA.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application	Platform	Capture	Detection
	ELISA	2AC	2BD1
		B7B	2BD1

Background S100 protein family contains variety of members such as $\beta\beta$ homodimer and $\alpha\beta$ heterodimer. It is a useful marker for monitoring brain damage and detecting secondary neurological injuries. The concentration of S100 A8/A9 hetero complex increases in blood when special diseases take places, such as rheumatoid arthritis, cystic fibrosis, multiple sclerosis, and HIV infections. S100A8/A9 protein is a potential serum marker for diagnosis of pancreatic ductal adenocarcinoma (PDAC), intraductal papillary mucinous neoplasm (IPMN) or chronic pancreatitis (CP).

Product stability	Temperature, Time	Results for clone 2AC
	-80°C, 21 days	OK
	-20°C, 21 days	OK
	4°C, 21 days	OK
	20°C, 21 days	OK
	37°C, 21 days	OK
	40°C, 21 days	OK

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

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