



# CSAD mouse mAb

<b>Catalog No</b>	BYmab-12334
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	CSAD CSD
<b>Protein Name</b>	CSAD
<b>Immunogen</b>	Synthesized peptide derived from human CSAD AA range: 195-245
<b>Specificity</b>	This antibody detects endogenous levels of CSAD at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	Expressed in liver and brain. Also expressed in both astrocytes and neurons, but lower levels are expressed in astrocytes.
<b>Function</b>	catalytic activity:3-sulfino-L-alanine = hypotaurine + CO(2).,cofactor:Pyridoxal phosphate.,pathway:Organosulfur biosynthesis; taurine biosynthesis; hypotaurine from L-cysteine: step 2/2.,similarity:Belongs to the group II decarboxylase family.,subunit:Homodimer.,
<b>Background</b>	This gene encodes a member of the group 2 decarboxylase family. A similar protein in rodents plays a role in multiple biological processes as the rate-limiting enzyme in taurine biosynthesis, catalyzing the decarboxylation of cysteinesulfinate to hypotaurine. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011],

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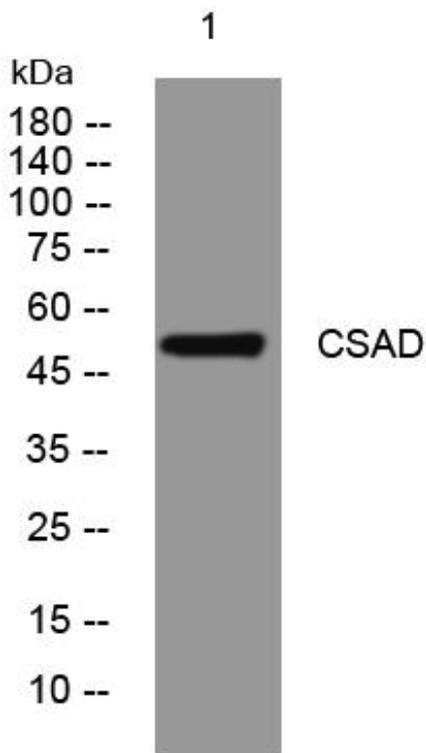
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CSAD mouse mAb

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