

Anti-SOD-1 Monoclonal Antibody

Catalog Number: M00238-2

Overview

Product Name	Anti-SOD-1 Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SOD-1 Monoclonal Antibody catalog # M00238-2. Tested in ELISA, Flow Cytometry, IF, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, Flow Cytometry, IF, WB
Clonality	Monoclonal 6F5
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P00441

Technical Details

Immunogen	Purified recombinant fragment of human SOD-1 expressed in E. Coli.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000</p>

Anti-SOD-1 Monoclonal Antibody (M00238-2) Images

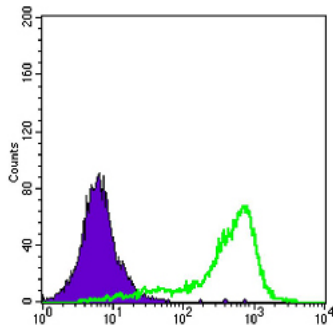


Figure 2. Flow Cytometry validation of SOD1 using Anti-SOD-1 Monoclonal Antibody (M00238-2).

Flow cytometric (FCM) analysis of A431 cells using SOD-1 Monoclonal Antibody (green) and negative control (purple).

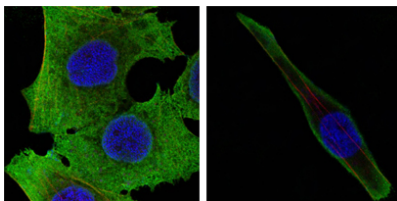


Figure 3. Immunofluorescent staining data of SOD1 using Anti-SOD-1 Monoclonal Antibody (M00238-2).

Confocal Immunofluorescence (IF) analysis of PANC-1 (left) and SKBR-3 (right) cells using SOD-1 Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

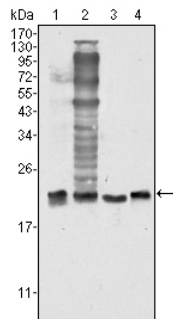


Figure 1. Western blotting validation for Anti-SOD-1 Monoclonal Antibody M00238-2

Western Blot (WB) analysis using SOD-1 Monoclonal Antibody against HeLa (1)

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