

Recombinant Anti-SOD1 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4527	Rabbit	H, M, R	WB
Description	Recombinant rabbit monoclonal antibody to SOD1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human SOD1 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SOD1 protein		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	SOD1		
Alternative Names	Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1		
Entrez Gene	6647 (Human); 20655 (Mouse); 24786 (Rat)		
SwissProt	P00441 (Human); P08228 (Mouse); P07632 (Rat)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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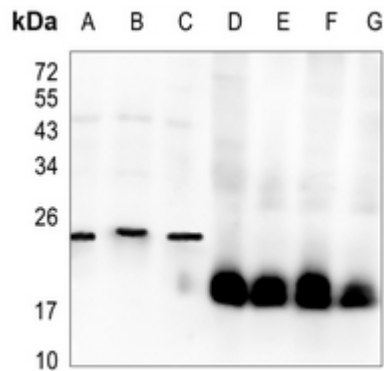
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Product Data Sheet



Western blot analysis of SOD1 expression in MCF7 (A), K562 (B), HepG2 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 23, 18 kD)

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