9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Superoxide Dismutase 2 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1791

Product Overview

Name	KD-Validated Anti-Superoxide Dismutase 2 Mouse Monoclonal Antibody
Accession(Primary)	P04179
Host Species	Mouse
Clonality	Monoclonal
Immunogen	Recombinant protein of human SOD2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 25 kDa, observed, 22 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (P04179)

Gene Name	SOD2
About Gene Symbol	SOD2 (Superoxide Dismutase 2) is a metabolic enzyme involved in cellular metabolism. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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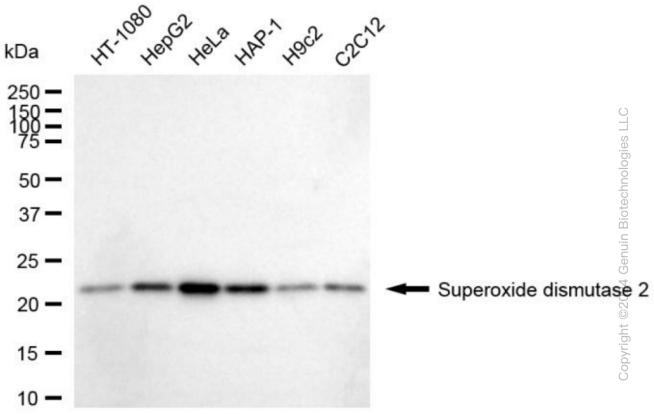

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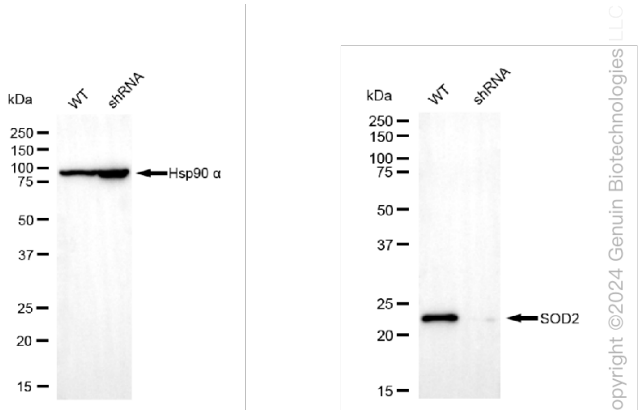
Western blotting analysis using anti-Superoxide dismutase 2 antibody (Cat#ABG1791). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Superoxide dismutase 2 antibody (Cat#ABG1791, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-superoxide dismutase 2 antibody (Cat#ABG1791). Superoxide dismutase 2 expression in wild-type (WT) and superoxide dismutase 2 (SOD2) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-superoxide dismutase 2 antibody (Cat#ABG1791, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.