

# Anti-SOD2 Antibody (R2Y61)

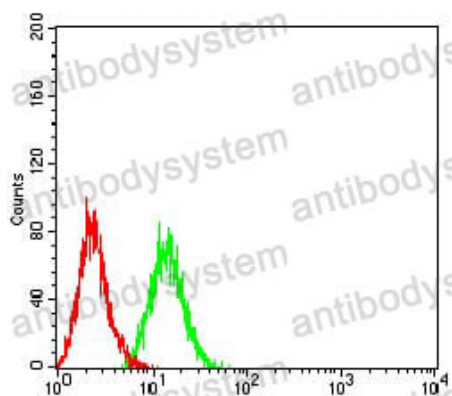
## Summary

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<b>Catalog No.</b>	RHC07103
<b>Clone ID</b>	R2Y61
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, FCM: 1:200-1:400, IHC: 1:200-1:1000, WB: 1:500-1:2000
<b>Species reactivity</b>	Human
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ELISA, FCM, IHC, WB
<b>Target</b>	Superoxide dismutase [Mn], mitochondrial, SOD2
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P04179
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.
<b>Note</b>	For research use only.

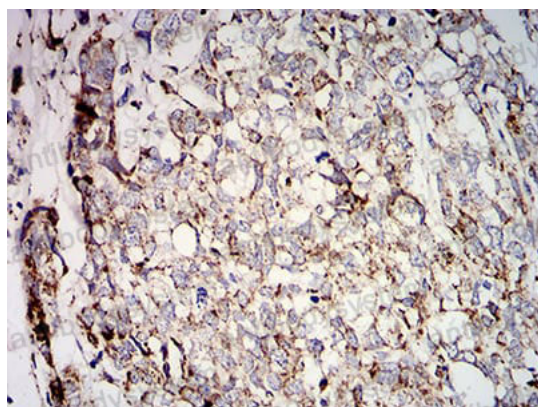
## Data Image

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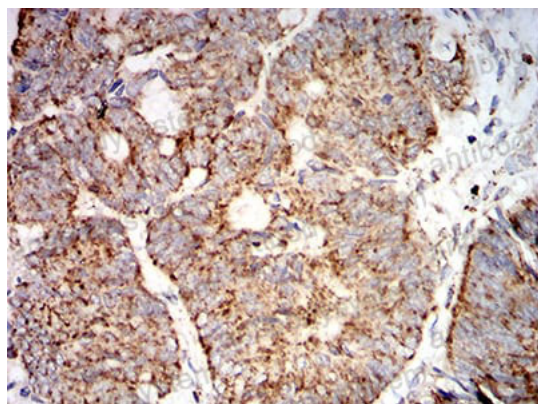
Flow Cytometry

Flow cytometric analysis of MCF-7 cells using SOD2 mouse mAb (green) and negative control (red).



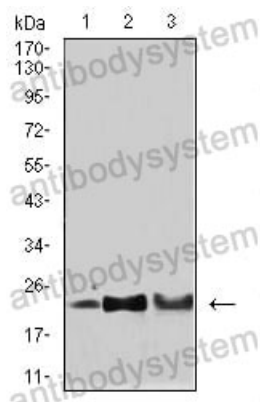
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using SOD2 mouse mAb with DAB staining.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using SOD2 mouse mAb with DAB staining.



Western blot

Western blot analysis using SOD2 mouse mAb against HeLa (1), HepG2 (2), and SH-SY5Y (3) cell lysate.