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## Product Datasheet

### **Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) (SOD1/2089), CF640R conjugate, 0.1mg/mL, Clone: [SOD1/2089], Mouse, Monoclonal BOT-BNC402089-100**

Article Name	Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) (SOD1/2089), CF640R conjugate, 0.1mg/mL, Clone: [SOD1/2089], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC402089-100
Supplier Catalog Number	BNC402089-100
Alternative Catalog Number	BOT-BNC402089-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Species Reactivity	Human
Immunogen	Recombinant full-length human SOD1 protein
Conjugation	CF640R
Product Description	Cu-Zn superoxide dismutase-1 (SOD-1) is a well-characterized cytosolic scavenger of oxygen free radicals that requires copper and zinc binding to potentiate its enzymatic activity. Enzymatically, SOD-1 facilitates the dismutation of oxygen radicals t...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[SOD1/2089]
Molecular Weight	23 kDa

UniProt	<a href="#">P00441</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry