

## Anti-Human NOX2 Clone 48 mAb

<b>Catalog No.</b>	CS-MW1842	<b>Quantity:</b>	Inquire
<b>Description:</b>	Anti-Human NOX2 Clone 48 mAb		
<b>Composition:</b>	Mouse antibodies (Balb/c x Sp2.0 Ag 14).		
<b>Source:</b>	Ascites fluid of tumour bearing mice.		
<b>Immunogen:</b>	Purified cytochrome b558 preparation.		
<b>Isotype:</b>	Mouse IgG1.		
<b>Clone:</b>	48		
<b>Preservative:</b>	Sodium azide (NaN <sub>3</sub> ), 0,1% (w/v).		
<b>Formulation:</b>	The monoclonal antibody is admitted in 20 mM TRIS and 150 mM NaCl, pH 8.0. Quantity and concentration is stated on the vial label.		
<b>Purification:</b>	Ammoniumsulphate precipitation and gelfiltration.		
<b>Major Reactivity:</b>	The monoclonal antibody reacts with the purified high-mol-wt subunit of cytochrome b558 on Western blots and on blots of whole neutrophil extracts. NOX2 might play a role in signal transduction processes in normal cardiomyocytes		
<b>Applications:</b>	The monoclonal antibody is useful for the study of cardiomyocytes.		
<b>Methods:</b>	Western blot technique and histochemistry.		
<b>Storage &amp; Stability:</b>	For prolonged periods of time storage at -18° to -32°C is recommended. Repeated thawing and freezing may reduce the antibody activity and should be avoided.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

