

## TNFRSF1A

### Mouse Anti-Human TNFR1 Clone MR1-2 mAb

<b>Catalog No.</b>	MON9062	<b>Quantity:</b>	1 ml
<b>Alternate Names:</b>	CD120a, FPF, TBP1, TNF-R, TNF-R-I, TNF-R55, TNFAR, TNFR1, TNFR55, TNFR60, p55, p55-R, p60		
<b>Description:</b>	The mouse monoclonal antibody recognizes human Tumor Necrosis Factor Receptor 1 (TNFR1), a member of the TNF receptor superfamily of proteins. TNFR1 is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, TNF-alpha. Binding of membrane-bound TNF-alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free TNF-alpha to inhibit inflammation.		
<b>Gene ID:</b>	7132		
<b>Concentration:</b>	100 µg/ml		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Human TNF receptor I (p55/p60)/ CD120a. The antibody reacts with the extracellular domain and with soluble TNFR1.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	MR1-2		
<b>Cross-Reactivity:</b>	Rhesus and Cynomolgus natural TNFR1		
<b>Formulation:</b>	Liquid in sterile-filtered PBS + 0.1% BSA + 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Biological Activity:</b>	Clone MR1-2 is agonistic. The reactivity of the antibody with cell-bound TNFR1 is minimally inhibited by high concentrations of TNF-alpha.		
<b>Applications:</b>	Flow Cytometry, Immunohistochemistry, Biological Assays, Western Blot, Immunoprecipitation		
<b>Application Notes:</b>	IHC: Frozen sections. Recommended positive controls for frozen sections - human lymph nodes. FC: Recommended positive control - PHA activated T cells. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Product is stable at 2-8°C for up to 1 year.		

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