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## Tumor Necrosis Factor Receptor Superfamily, Member 1A (TNFRSF1A) Mouse Monoclonal (RPE) Antibody

<b>CatalogID:</b>	LS-C43489
<b>Target Protein:</b>	Tumor Necrosis Factor Receptor Superfamily, Member 1A (TNFRSF1A)
<b>Gene Synonyms:</b>	TNFRSF1A, CD120A, FPF, MGC19588, P55, P55-R, P60, TBP1, TNF-R, TNF-R-I, TNF-R1, TNF-R55, TNF-RI, TNFAR, TNFR-I, TNFR1, TNFR55, TNFR60, cd120a, p55-r, tbpi, tnfr-1, tnfar, tnfr, tnfr1, tnfr55, tnfr60, tnfrsf1a, tumor necrosis factor receptor 1, tumor necrosis factor receptors 1
<b>Family / Subfamily:</b>	TNF Receptor / not assigned-TNF Receptor
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2a
<b>Modifications:</b>	R. Phycoerythrin (RPE)
<b>Antigen Species:</b>	
<b>Antigen Type:</b>	Native protein
<b>Immunogen:</b>	Native protein
<b>Specificity:</b>	Purified human tumour necrosis factor receptor type 1
<b>Species Reactivity:</b>	Human, Rabbit
<b>Purification:</b>	Protein G column
<b>Volume:</b>	100 tst
<b>Presentation:</b>	Phosphate buffered saline pH7.4
<b>Uses:</b>	IHC-Fr (Optimal dilution to be determined by the researcher)

<b>Summary:</b>	<p>Recognises an extracellular domain of the 55kD human TNF receptor (p55, TNF-R1, CD120a). No binding occurs to the 75kD TNF receptor (CD120b). CD120a is weakly expressed by monocytes and granulocytes. This product is routinely tested in flow cytometry on human peripheral blood monocytes.</p> <p>TNFR1 is a 55 kD transmembrane glycoprotein that also exists as a secreted protein. TNF receptors self assemble through a distinct functional extracellular domain termed PLAD in the absence of ligand. Efficient TNFA binding depends on receptor self assembly. TNFR1 associates with MADD protein through a death domain-death domain interaction. MADD is thought to provide a link to MAP Kinase activation. TNFR1 can also activate NFKbeta via TNF receptor associated factor 2 and the cytoplasmic domain can interact with the JAK/STAT pathway.</p>
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Laboratory Reagent For In Vitro Research Use Only

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