

## THY1

### Mouse Anti-Human Thy-1 / CD90 (Clone AF-9) mAb

<b>Catalog No.</b>	MON2003	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Thy-1 membrane glycoprotein, CDw90, Thy-1 antigen, CD90		
<b>Description:</b>	<p>CD90 (Thy-1) is an 18-35 kDa GPI-anchored glycoprotein and a member of the immunoglobulin superfamily. It may contribute to inhibition of proliferation/differentiation of hematopoietic stem cells and neuron memory formation in the CNS. It consists of a single Ig domain (112 amino acids; 25-35 kDa) inserted into the cell membrane via a GPI-anchor. Expressed by hematopoietic stem cells and neurons in all species studied. Its highly expressed in connective tissue and various fibroblasts and stromal cell lines, expressed only on small % fetal thymocytes, 10-40% of CD34+ cells in bone marrow, and &lt;1% of CD3+ and CD4+ lymphocytes in peripheral circulation. It is also expressed by a limited number of lymphoblastoid and leukemic cell lines.</p>		
<b>Concentration:</b>	0.1 mg/ml		
<b>UniProt ID:</b>	P04216		
<b>Specificity:</b>	CD90		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	T-cell lymphoma cells.		
<b>Isotype:</b>	IgG1 kappa		
<b>Clone:</b>	AF-9		
<b>Formulation:</b>	PBS with 0.02% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	IF, FC, IHC-F		
<b>Storage &amp; Stability:</b>	Store antibody at 2-8°C until expiration date.		

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



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