

## Mouse Monoclonal Antibody to TIE1

<b>Catalogue Number</b>	sAP-0905
<b>Target Molecule</b>	<p><b>Name:</b> TIE1</p> <p><b>Aliases:</b> TIE; JTK14</p> <p><b>MW:</b> 125kDa</p> <p><b>Entrez Gene ID:</b> 7075</p>
<b>Description</b>	<p>This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.r;</p>
<b>Immunogen</b>	Purified recombinant fragment of human TIE1 (AA: 385-607) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM8D12B10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Int J Oncol. 2007 Oct;31(4):893-7.r; 2. Cancer. 2002 Mar 1;94(5):1517-21.r;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**