

## Mouse Monoclonal Antibody to CSK

<b>Catalogue Number</b>	sAP-0469
<b>Target Molecule</b>	<b>Name: CSK</b> <b>Aliases:</b> MGC117393; CSK <b>MW: 50kDa</b> <b>Entrez Gene ID: 1445</b>
<b>Description</b>	Carboxy-terminal Src kinase (Csk) is a ubiquitously expressed nonreceptor tyrosine kinase that negatively regulates the Src family kinases (SFK) by phosphorylation of the SFK carboxy-terminal tyrosine. Phosphorylated carboxy-terminal tyrosine binds to the SH2 domain of SFK intramolecularly and leads to folding and inactivation of the SFK. This Csk-catalyzed SFK tyrosine phosphorylation is highly specific and exclusive. The SFK carboxy-terminal tyrosine is the only known physiological substrate of Csk. Tissue specificity: Expressed in lung and macrophages.
<b>Immunogen</b>	Purified recombinant fragment of human CSK expressed in E. Coli.
<b>Recitative Species</b>	Human; Mouse; Monkey; Rat
<b>Clone</b>	MM5F3;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Nat Genet. 2009 Jun;41(6):677-87. ; 2. Leuk Res. 2009 Sep;33(9):e168-9. ; 3. J Hypertens. 2011 Jan;29(1):62-9.

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**