

Mouse Monoclonal Antibody to CSK

Catalogue Number	sAP-0469
Target Molecule	Name: CSK Aliases: MGC117393; CSK MW: 50kDa Entrez Gene ID: 1445
Description	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.
Immunogen	Purified recombinant fragment of human CSK expressed in E. Coli.
Reactive Species	Human; Mouse; Monkey; Rat
Clone	MM5F3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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 end users! This product is sold for **Research Use Only**