

## Mouse Monoclonal Antibody to CD167

Catalogue Number	sAP-1711
Target Molecule	<b>Name:</b> CD167 <b>Aliases:</b> DDR1;CAK; DDR; NEP; HGK2; PTK3; RTK6; TRKE; EDDR1; MCK10; NTRK4; PTK3A <b>MW:</b> 101kDa <b>Entrez Gene ID:</b> 780
Description	Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to <i>Dictyostelium discoideum</i> protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Immunogen	Purified recombinant fragment of human CD167 (AA: extra 21-176) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4F2C12
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Am J Physiol Cell Physiol. 2015 May 1;308(9):C685-96.2.Med Oncol. 2013;30(3):626.

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**