

Mouse Monoclonal Antibody to EphA5

Catalogue Number	sAP-0241
Target Molecule	Name: EphA5 Aliases: CEK7; EHK1; HEK7; TYRO4; EPHA5 MW: N/A Entrez Gene ID: 2044
Description	EphA5: EPH receptor A5. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.
Immunogen	Purified recombinant fragment of EphA5 (aa620-774) expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM8B10B1;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Nat Rev Neurosci. 2001 Mar;2(3):155-64. ; 2. BMC Cancer. 2006 Jun 1;6:144.

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**