

## Mouse Monoclonal Antibody to EphA7

Catalogue Number	sAP-0226
Target Molecule	<b>Name:</b> EphA7 <b>Aliases:</b> EHK3; HEK11 <b>MW:</b> N/A <b>Entrez Gene ID: 2045</b>
Description	EphA7: EPH receptor A7. 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 EphA7 (aa27-210) expressed in E. Coli.
Reactive Species	Human
Clone	MM6C8G7;
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 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; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Genome Res. 2004 Oct;14(10B):2121-7. ; 2. Nature. 2005 Oct 20;437(7062):1173-8.

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**