

Mouse Monoclonal Antibody to EphA8

Catalogue Number	sAP-0217
Target Molecule	<p>Name: EphA8</p> <p>Aliases: EEK; HEK3; KIAA1459; EPHA8</p> <p>MW: N/A</p> <p>Entrez Gene ID: 2046</p>
Description	EphA8: EPH receptor A8. This gene encodes a member of 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. The protein encoded by this gene functions as a receptor for ephrin A2, A3 and A5 and plays a role in short-range contact-mediated axonal guidance during development of the mammalian nervous system.
Immunogen	Purified recombinant fragment of EphA8 (aa70-150) expressed in E. Coli.
Recombinant Species	Human
Clone	MM9A12D8;
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. Curr Opin Neurobiol. 2004 Jun;14(3):288-96. ; 2. Oncogene. 2005 Jun 16;24(26):4243-56.

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**