

Mouse Monoclonal Antibody to EphA3

Catalogue Number sAP-0204

Target Molecule **Name:** EphA3

Aliases: SEK; HEK8; TYRO1

MW: N/A

Entrez Gene ID: 2043

Description EphA3: EPH receptor A3. 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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene.

Immunogen Purified recombinant fragment of EphA3 (aa751-983) expressed in E. Coli. ;

Reactive Species Human

Clone MM6C1B6;

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

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Nat Genet. 2004 Jan;36(1):40-5. ; 2. Cell. 2005 Oct 21;123(2):291-304.

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**