

Mouse Monoclonal Antibody to EphA4

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| Catalogue Number | sAP-0183 |
| Target Molecule | Name: EphA4 Aliases: SEK; HEK8; TYRO1 MW: N/A Entrez Gene ID: 2043 |
| Description | EphA4: EPH receptor A4. 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 EphA4 (aa777-986) expressed in E. Coli. ; |
| Reactive Species | Human |
| Clone | MM7D3D4; |
| 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. Mol Cell Neurosci. 2000 Oct;16(4):365-75. ; 2. Nat Rev Neurosci. 2001 Mar;2(3):155-64. ; 3. Eur J Neurosci. 2002 Sep;16(6):1168-72. |

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**