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Product datasheet for AM06261SU-N

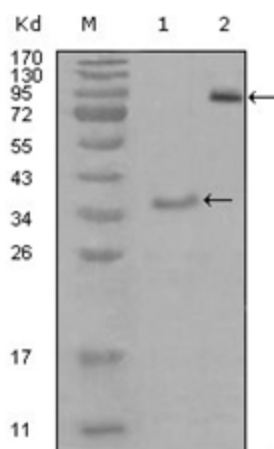## Eph receptor A4 (EPHA4) Mouse Monoclonal Antibody [Clone ID: 6C1B6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6C1B6
Applications:	WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Blot:** 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of EphA3 (aa751-983) expressed in E. Coli.
Specificity:	Recognizes EPH receptor A3 (EphA3).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	EPH receptor A4
Database Link:	Entrez Gene 2043 Human P54764
Background:	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.

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Synonyms: HEK8, SEK, TYRO1, Ephrin type-A receptor 4

Product images:

Western blot analysis using EphA3 antibody Cat.-No AM06261SU-N against truncated Trx-EphA3 recombinant protein (Lane 1) and truncated EphA3 (aa566-983)-hIgGFc transfected CHO-K1 cell lysate (Lane 2).

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