

Product datasheet for **AM06213SU-N**

Eph receptor B6 (EPHB6) Mouse Monoclonal Antibody [Clone ID: 2A6B9]

Product data:

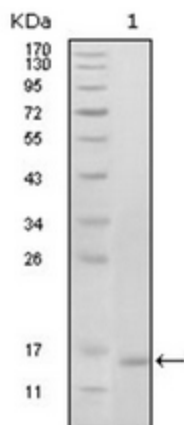
Product Type:	Primary Antibodies
Clone Name:	2A6B9
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of EphB6 (aa601-750) expressed in E. Coli.
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 B6
Database Link:	Entrez Gene 2051 Human O15197
Background:	EphB6: EPH receptor B6. Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The ephrin receptor encoded by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B ligands.



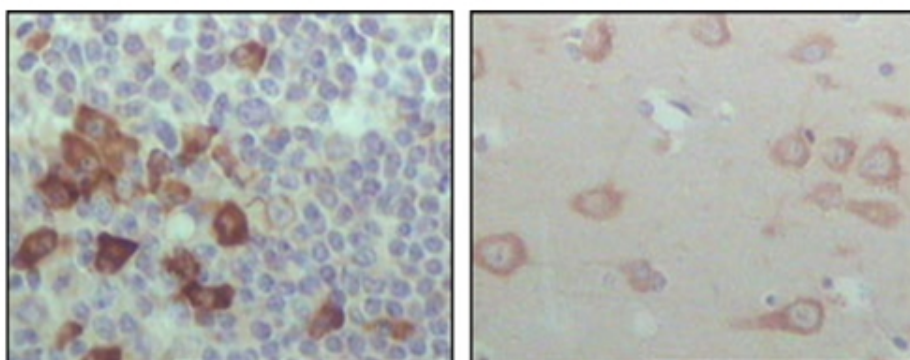
[View online »](#)

Synonyms: Ephrin type-B receptor 6, EPH-6, HEP

Product images:



Western blot analysis using EhpB6 antibody Cat.-No AM06213SU-N against truncated EhpB6 recombinant protein (Lane 1).



Immunohistochemical analysis of paraffin-embedded human lymph node (left) and brain (right), showing cytoplasmic localization with DAB staining using EhpB6 antibody Cat.-No AM06213SU-N