

ARG45351 anti-Eph receptor B4 / HTK antibody [6A14]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [6A14] recognizes Eph receptor B4 / HTK
Tested Reactivity	Ms
Tested Application	IHC-P
Host	Rat
Clonality	Monoclonal
Clone	6A14
Isotype	IgG1
Target Name	Eph receptor B4 / HTK
Species	Mouse
Immunogen	Recombinant Mouse Eph receptor B4 / HTK.
Conjugation	Un-conjugated
Alternate Names	EPHB4; EPH Receptor B4; Tyro11; HTK; Tyrosine-Protein Kinase TYRO11; Hepatoma Transmembrane Kinase; Ephrin Type-B Receptor 4; EC 2.7.10.1; MYK1; Tyrosine-Protein Kinase Receptor HTK; Ephrin Receptor EphB4; EC 2.7.10; CMAVM2; LMPHM7; TYRO11; EphB4; HFASD

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

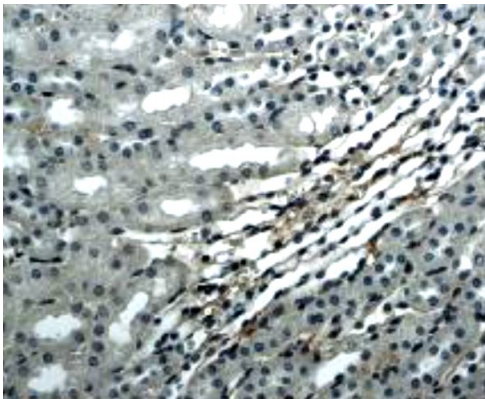
Properties

Form	Powder
Purification	Protein G/A chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	EphB4
Gene Full Name	EPH Receptor B4
Background	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 protein encoded by this gene binds to ephrin-B2 and plays an essential role in vascular development. [provided by RefSeq, Jul 2008]
Calculated Mw	110 kDa
PTM	Disulfide bondautomatic annotation; Glycoproteinautomatic annotation; Phosphoprotein. [UniProt]
Cellular Localization	Membrane . [UniProt]

Images



ARG45351 anti-Eph receptor B4 / HTK antibody [6A14] IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45351 anti-Eph receptor B4 / HTK antibody [6A14].