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Datasheet for ABIN969106 anti-EPH Receptor B3 antibody (AA 39-212)

3 Images

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Overview

Quantity:	100 μL
Target:	EPH Receptor B3 (EPHB3)
Binding Specificity:	AA 39-212
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPH Receptor B3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of EphB3 (aa39-212) expressed in E. coli.
Clone:	4A122D1
lsotype:	lgG2a
Purification:	purified

Target Details

Target:	EPH Receptor B3 (EPHB3)
Alternative Name:	EphB3 (EPHB3 Products)
Background:	Description: EphB3: EPH receptor B3. Ephrin receptors and their ligands, the ephrins, mediate
	numerous developmental processes, particularly in the nervous system. Based on their

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	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 is a receptor for ephrin-
	B family members.
	Aliases: ETK2, HEK2, TYRO6
Gene ID:	2049
HGNC:	2049
Pathways:	RTK Signaling
Application Dataila	
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in
	oral lichen planus." in: Journal of oral science, Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).

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Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human Adrenal tissues using EPHB3 mouse mAb

Western Blotting

Image 2. Western blot analysis using EphB3 mouse mAb against truncated EphB3-His recombinant protein.







Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded human lung squamous cell carcinoma (A), lung adenocarcinoma (B), colon carcinoma (C), breast carcinoma (D), normal sublingual gland (E), normal rectal (F), showing membrane localization with DAB staining using EphB3 mouse mAb.

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