Datasheet for ABIN969102

anti-EPH Receptor A5 antibody (AA 620-774)

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Overview

Quantity:	100 µL
Target:	EPH Receptor A5 (EPHA5)
Binding Specificity:	AA 620-774
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPH Receptor A5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of EphA5 (aa620-774) expressed in E. coli.
Clone:	8B10B1
Isotype:	IgG1
Purification:	purified

Target Details

Target:	EPH Receptor A5 (EPHA5)
Alternative Name:	EphA5 (EPHA5 Products)
Background:	Description: EphA5: EPH receptor A5. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in

Target Details

	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. Aliases: CEK7, EHK1, HEK7, TYRO4, EPHA5
Gene ID:	2044
HGNC:	2044
Pathways:	RTK Signaling

Application Details

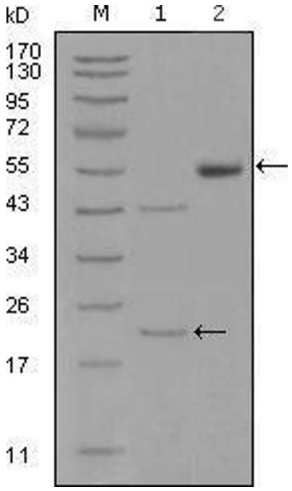
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

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).



Western Blotting

Image 1. Western blot analysis using EPHA5 mouse mAb against truncated EPHA5-His recombinant protein (1) and truncated EPHA5(aa620-774)-hIgGFc transfected CHO-K1 cell lysate(2).