Datasheet for ABIN1724712

anti-EPH Receptor A4 antibody (AA 777-986)

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Overview

Quantity:	100 µL
Target:	EPH Receptor A4 (EPHA4)
Binding Specificity:	AA 777-986
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPH Receptor A4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of EphA4 (aa777-986) expressed in E. coli.
Clone:	7D3D4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	EPH Receptor A4 (EPHA4)
Alternative Name:	EphA4 (EPHA4 Products)
Background:	Description: EphA4: EPH receptor A4. 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: SEK, HEK8, TYRO1
Gene ID:	2043
HGNC:	2043
Pathways:	RTK Signaling

Application Details

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

Handling

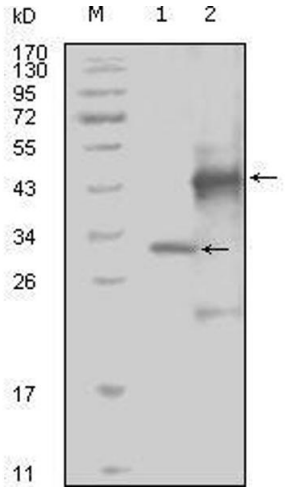
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Publications

Product cited in:	Zaha, Young: "AMP-activated protein kinase regulation and biological actions in the heart." in: **Circulation research**, Vol. 111, Issue 6, pp. 800-14, (2012) (PubMed). Oliveira, Zhang, Solis, Isackson, Bellahcene, Yavari, Pinter, Davies, Ge, Ashrafian, Walker, Carling, Watkins, Casadei, Redwood: "AMP-activated protein kinase phosphorylates cardiac troponin I and alters contractility of murine ventricular myocytes." in: **Circulation research**, Vol. 110, Issue 9, pp. 1192-201, (2012) (PubMed).

Publications

Images



Western Blotting

Image 1. Western blot analysis using EphA4 mouse mAb against truncated Trx-EphA4 recombinant protein (1) and truncated GST-EphA4(aa777-986) recombinant protein (2).