Datasheet for ABIN1425707

anti-EPH Receptor B3 antibody (PE-Cy5)

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Overview

Quantity:	100 µL
Target:	EPH Receptor B3 (EPHB3)
Reactivity:	Human, Mouse, Rat, Chicken, Pig, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B3 antibody is conjugated to PE-Cy5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EPHB3/Eph receptor B3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	EPH Receptor B3 (EPHB3)
Alternative Name:	EPHB3/Eph receptor B3 (EPHB3 Products)
Background:	Synonyms: Cek10, EK2, Embryonic kinase 2, EPH Like Tyrosine Kinase 2, EPH-like kinase 2, ephb3, EPHB3_HUMAN, Ephrin receptor EphB3, Ephrin type B receptor 3, Ephrin type-B receptor 3, ETK2, hEK2, Human Embryo Kinase 2, Mdk5, Sek4, TYRO6, Tyrosine protein kinase receptor HEK2, Tyrosine protein kinase TYRO6, Tyrosine-protein kinase TYRO6.

Target Details

	Background: The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date (13). While the biological activities of these receptors have yet to be determined, there is increasing evidence that they are involved in central nervous system function and in development (13). The Eph subfamily receptors of human origin (and their murine/avian homologs) include EphA1 (Eph), EphA2 (Eck), EphA3 (Hek4), EphA4 (Hek8), EphA5 (Hek7), EphA6 (Hek12), EphA7 (Hek11/MDK1), EphA8 (Hek3), EphB1 (Hek6), EphB2 (Hek5), EphB3 (Cek10, Hek2), EphB4 (Htk), EphB5 (Hek9) and EphB6 (Mep). Ligands for Eph receptors include ephrin-A4 (LERK-4) which binds EphA3 and EphB1. In addition, ephrin-A2 (ELF-1) has been described as the ligand for EphA4, ephrin-A3 (Ehk1-L) as the ligand for EphA5 and ephrin-B2 (Htk-L) as the ligand for EphB4 (Htk) (47).
Molecular Weight:	110kDa
Pathways:	RTK Signaling

Application Details

Application Notes:	FCM(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months