Product Data Sheet: EPHA2

Cat. No:	MAB-94587
Size:	200 ug
Clone:	A2/EPHA2
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 847-976 of human EPHA2
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500-1:2000 Immunohistochemistry (paraffin-embedded tissues): 1:50-1:200
Purification:	Aff. Pur.
Background:	EPHA2(ephrin type-A receptor 2) also known as ECK, is a protein that in humans is encoded by the EPHA2 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. 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. By somatic cell hybrid analysis and fluorescence in situ hybridization, the EPHA2 gene is mapped to chromosome 1p36.1. By screening a HeLa cell cDNA library with degenerate oligonucleotides based on highly conserved regions of receptor protein-tyrosine kinases, Lindberg and Hunter isolated cDNAs encoding EPHA2, which they called ECK. EPHA2 was readily detectable in human lens fiber cells using immunoblot and immunohistochemistry. EGFR and EPHA2 mediated HCV entry by regulating CD81 -claudin-1(CLDN1) coreceptor associations and viral glycoprotein-dependent membrane fusion.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	At -20°C for one year. Avoid repeated freezing and thawing.

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