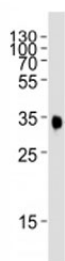


## Eph Receptor B2 Antibody [EPHB2] [clone 48CT12.6.4] (F40413)

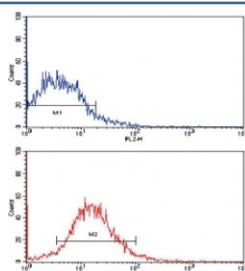
Catalog No.	Formulation	Size
F40413-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F40413-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

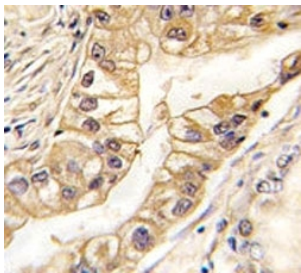
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, k
<b>Clone Name</b>	48CT12.6.4
<b>Purity</b>	Purified
<b>UniProt</b>	P29323
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 IHC (Paraffin) : 1:200
<b>Limitations</b>	This EPHB2 antibody is available for research use only.



Western blot analysis partial EPHB2 protein using EphB2 antibody at 1:1000.



Flow cytometric analysis of HepG2 cells using EPHB2 antibody (red) compared to a negative control (blue). PE-conjugated goat-anti-mouse secondary Ab was used for the analysis.



IHC analysis of FFPE human lung carcinoma tissue stained with EPHB2 antibody

## Description

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their 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.

## Application Notes

Titration of the EPHB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Purified His-tagged protein (from amino acids 127~425) was used to produce this monoclonal EPHB2 antibody.

## Storage

Aliquot the EPHB2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.