

## Anti-EphB4 Antibody-PE (9P203)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	PE
Clone:	9P203
Purification:	Protein A

## Applications

Verified Activity:	Flow cytometric analysis of anti-human EphB4 on MCF-7 cells. MCF-7 cells were detached using 1X trypsin, washed, then stained with PE Rabbit anti-human EphB4.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

## Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human EphB4 protein (TMPY-00787)
Antigen Species:	Human
Synonyms:	EPH receptor B4;MYK1;TYRO11;HTK

## Research Background

Ephrin type-B receptor 4 is a protein that in humans is encoded by the EPHB4 gene. It is a single-pass type I membrane protein belonging to the ephrin receptor subfamily of protein kinase superfamily. Members of the ephrin and Eph family are local mediators of cell function through largely contact-dependent processes in development and in maturity. Furthermore, EphB4 protein and the corresponding ligand Ephrin-B2 contribute to tumor growth in various human tumors. EphB4 protein has tumor suppressor activities and that regulation of cell proliferation, extracellular matrix remodeling, and invasive potential are important mechanisms of tumor suppression. Therefore, Ephrin-B2/EphB4 may be recognized as a novel prognostic indicator for cancers.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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