

# Anti-EPHB3 antibody

 Cat. No.
 ml260936

 Package
 25 μl/100 μl/200 μl

 Storage
 -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview Description Applications Immunogen Reactivity Content Host species Ig class Purification

Anti-EPHB3 rabbit polyclonal antibody ELISA, IHC Synthetic peptide of human EPHB3 Human, Mouse 0.4 mg/ml Rabbit Immunogen-specific rabbit IgG Antigen affinity purification

Target information Symbol Full name Synonyms Swissprot

EPHB3 EPH receptor B3 ETK2; HEK2; TYRO6 P54753

#### **Target Background**

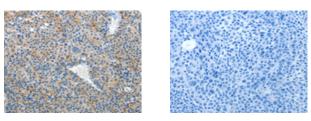
Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into two 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. This gene encodes a receptor for ephrin-B family members.



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## Applications Immunohistochemistry

Predicted cell location: Cytoplasm Positive control: Human liver cancer Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260936(EPHB3 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ELISA

Recommended dilution: 2000-5000

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