

EphA2 (1B3C) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252652

Unit: 0.1 ml

Description:

EphA2 (EPH receptor A2) is a 976-amino acid protein (~107 kDa) belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EphA1, EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8, EphA10, EphB1, EphB2, EphB3, EphB4 and EphB6 are Eph family receptors for Ephrin family ligands. In normal cells, EphA2 negatively regulates cell growth and invasiveness. EphA2 is overexpressed by many human cancers, and is often associated with poor prognostic features. The clinical significance of the expression of EphA2 was observed in breast, prostate, colon, skin, cervical, ovarian, and lung cancers. EphA2 may serve as a novel target for bladder cancer, colonic adenocarcinoma and ovarian cancer therapy.

Isotype: Mouse IgM

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Ephrin-A2; EPH-related receptor tyrosine kinase ligand 6; LERK-6; HEK7 ligand; HEK7-L; EPLG6; LERK6; EFNA2

Accession No.: O43921

Antigen: Purified recombinant fragment of EphA2 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.