

## EPHA1 Mouse mAb

CatalogNo: YM0220

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,ELISA

#### MW

- 108kD (Calculated)

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:200-1:1000**

**ELISA 1:10000**

**IF 1:50-200**

### Basic Information

**Clonality** Monoclonal

**Clone Number** 6D8

### Immunogen Information

**Immunogen** Purified recombinant fragment of EPHA1 expressed in E. Coli.

**Specificity** EPHA1 Monoclonal Antibody detects endogenous levels of EPHA1 protein.

## Target Information

**Gene name** EPHA1

**Protein Name** Ephrin type-A receptor 1

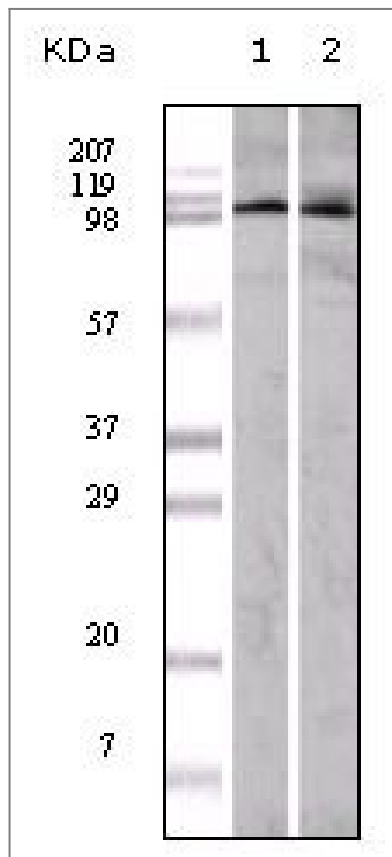
Organism	Gene ID	UniProt ID
Human	<a href="#">2041</a> ;	<a href="#">P21709</a> ;
Mouse	<a href="#">13835</a> ;	<a href="#">Q60750</a> ;

**Cellular Localization** Cell membrane ; Single-pass type I membrane protein .

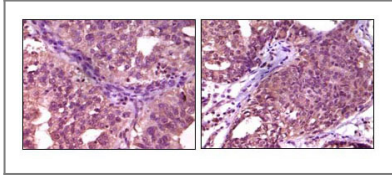
**Tissue specificity** Overexpressed in several carcinomas.

**Function** Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Function:Receptor for members of the ephrin-A family. Binds with a low affinity to ephrin-A1.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 2 fibronectin type-III domains.,tissue specificity:Overexpressed in several carcinomas.,

## Validation Data



Western Blot analysis using EphA1 Monoclonal Antibody against A549 (1) and HeLa (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human ovary carcinoma (left) and breast carcinoma (right), showing cytoplasmic localization with DAB staining using EphA1 Monoclonal Antibody.

## | Contact information

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Please scan the QR code to access additional product information:  
**EPHA1 Mouse mAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)