

## Anti-Human Ephrin Type A receptor 2 (1C1), Human IgG1 Antibody

<b>CATALOG NO:</b>	A1095-200
<b>ALTERNATIVE NAMES:</b>	EphA2, Epithelial cell kinase, Tyrosine-protein kinase receptor ECK
<b>AMOUNT:</b>	200 µg
<b>IMMUNOGEN:</b>	Soluble human sEphA2, residues 183-510
<b>ISOTYPE / FORMAT:</b>	Human IgG1, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	1C1
<b>SPECIES REACTIVITY:</b>	Human
<b>FORM:</b>	Liquid
<b>SPECIFICITY:</b>	The antibody binds to human EphA2 with a Kd of 0.89 nM.
<b>PURIFICATION:</b>	Affinity purified using Protein A
<b>FORMULATION:</b>	Supplied in PBS with preservative (0.02% Proclin 300)
<b>STORAGE CONDITIONS:</b>	Store at 4 °C for upto 3 months. For long term storage, aliquot and freeze at -20 °C. Avoid repeated freeze/defrost cycles.
<b>DESCRIPTION:</b>	Recombinant monoclonal antibody to Human Ephrin Type A receptor 2. Manufactured using recombinant technology with variable regions (i.e. specificity) from the hybridoma 1C1. This antibody binds to human Ephrin type-A receptor 2, a receptor tyrosine kinase that binds to membrane-bound ephrin-A ligands residing on adjacent cells, triggering contact-dependent signaling into neighboring cells. Involved in pattern formation during development, angiogenesis and osteoblastogenesis. Eph2A has also been found to be expressed in a variety of cancers.
<b>APPLICATION</b>	ELISA; FC; WB
<b>REFERENCE:</b>	Peng <i>et al.</i> Structural and functional characterization of an agonistic anti-human EphA2 monoclonal antibody. Journal of Molecular Biology 2011; 413(2):390-405

### RELATED PRODUCTS:

- Anti-VEGF, humanized Antibody (**Cat. No. A1045-100**)
- Anti-HER2, humanized Antibody (**Cat. No. A1046-100**)
- Anti-EGFR, Chimeric Antibody (**Cat. No. A1047-100**)
- Anti-TNF-α, humanized Antibody (**Cat. No. A1048-100**)
- Anti-CD20, Chimeric Antibody (**Cat. No. A1049-100**)
- Anti-EGFR, humanized antibody (**Cat. No. A1050-100**)
- Anti-OX40L, Human IgG1 Antibody (**Cat. No. A1088-200**)
- Anti-CD11a, Human IgG1 Antibody (**Cat. No. A1089-200**)
- Anti-EGFR, Human IgG1 Antibody (**Cat. No. A1090-200**)
- Anti-CD4, Human IgG4 Antibody (**Cat. No. A1091-200**)
- Anti-alpha 5 beta1 Integrin, Human IgG4 Antibody (**Cat. No. A1092-200**)
- Anti-TNF alpha, Human IgG4 Antibody (**Cat. No. A1093-200**)
- Anti-CD40L, Human IgG1 Antibody (**Cat. No. A1094-200**)
- Anti-Carcinoembryonic antigen, Human IgG1 Antibody (**Cat. No. A1096-200**)
- Anti-TNF alpha, Human IgG1 Antibody (**Cat. No. A1097-200**)
- Anti-IL-2R alpha (CD25), Human IgG1 Antibody (**Cat. No. A1098-200**)
- Anti-IL-2R alpha, Human IgG1 Antibody (**Cat. No. A1099-200**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**