

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

CATALOG NO:	A1095-200
ALTERNATIVE NAMES:	EphA2, Epithelial cell kinase, Tyrosine-protein kinase receptor ECK
AMOUNT:	200 µg
IMMUNOGEN:	Soluble human sEphA2, residues 183-510
ISOTYPE / FORMAT:	Human IgG1, kappa
CLONALITY:	Monoclonal
CLONE:	1C1
SPECIES REACTIVITY:	Human
FORM:	Liquid
SPECIFICITY:	The antibody binds to human EphA2 with a Kd of 0.89 nM.
PURIFICATION:	Affinity purified using Protein A
FORMULATION:	Supplied in PBS with preservative (0.02% Proclin 300)
STORAGE CONDITIONS:	Store at 4°C for upto 3 months. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/defrost cycles.
DESCRIPTION:	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. This antibody acts as an agonist of Eph2A signaling.
APPLICATION	ELISA; FC; WB
REFERENCE:	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 (Bevacizumab), humanized Antibody (**Cat. No. A1045-100**)
- Anti-HER2 (Trastuzumab), humanized Antibody (**Cat. No. A1046-100**)
- Anti-EGFR (Cetuximab), Chimeric Antibody (**Cat. No. A1047-100**)
- Anti-TNF-α (Adalimumab), humanized Antibody (**Cat. No. A1048-100**)
- Anti-CD20 (Rituximab), Chimeric Antibody (**Cat. No. A1049-100**)
- Anti-EGFR (Panitumumab), humanized antibody (**Cat. No. A1050-100**)
- Anti-OX40L (Oxelumab), Human IgG1 Antibody (**Cat. No. A1088-200**)
- Anti-CD11a (Efalizumab), Human IgG1 Antibody (**Cat. No. A1089-200**)
- Anti-EGFR (Matuzumab), Human IgG1 Antibody (**Cat. No. A1090-200**)
- Anti-CD4 (Clenoliximab), Human IgG4 Antibody (**Cat. No. A1091-200**)
- Anti-alpha 5 beta1 Integrin (Volociximab), Human IgG4 Antibody (**Cat. No. A1092-200**)
- Anti-TNF alpha (Humicade), Human IgG4 Antibody (**Cat. No. A1093-200**)
- Anti-CD40L (Ruplizumab), Human IgG1 Antibody (**Cat. No. A1094-200**)
- Anti-Carcinoembryonic antigen (Arcitumomab), Human IgG1 Antibody (**Cat. No. A1096-200**)
- Anti-TNF alpha (Infliximab), Human IgG1 Antibody (**Cat. No. A1097-200**)
- Anti-IL-2R alpha (CD25) (Basiliximab), Human IgG1 Antibody (**Cat. No. A1098-200**)
- Anti-IL-2R alpha (Daclizumab), Human IgG1 Antibody (**Cat. No. A1099-200**)

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