

## Human IgG4, $\kappa$ Isotype Control Antibody

<b>CATALOG NO:</b>	A1101-200
<b>AMOUNT:</b>	200 $\mu$ g
<b>ISOTYPE / FORMAT:</b>	Human IgG4, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	MOPC-21
<b>SPECIES REACTIVITY:</b>	Human
<b>FORM:</b>	Liquid
<b>SPECIFICITY:</b>	An antibody of unknown specificity that maybe used as a negative control.
<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/thaw cycles.
<b>DESCRIPTION:</b>	Recombinant monoclonal antibody to Unknown Specificity (Isotype control). Manufactured using Recombinant technology with variable regions (i.e. specificity) from the hybridoma MOPC-21. This is a chimeric antibody created as part of a panel offering antibodies of the same specificity in different formats (species, isotype, subtype and modified versions) for use as isotype controls.
<b>APPLICATION:</b>	WB; FC; negative control
<b>REFERENCE:</b>	Bothwell AL <i>et al</i> (VH); Hamlyn PH <i>et al</i> (VL) Heavy chain variable region contribution to the NPb family of antibodies: somatic mutation evident in a gamma 2a variable region. (VH), Complete sequence of an immunoglobulin mRNA using specific priming and the dideoxynucleotide method of RNA seq. (VL) Cell. 1981 Jun;24(3):625-37. (VH), Nucleic Acids Res. 1981 Sep 25;9(18):4485-94. (VL)

### 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- $\alpha$  (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), humanized Antibody (**Cat. No. A1088-200**)
- Anti-CD11a (Efalizumab), humanized Antibody (**Cat. No. A1089-200**)
- Anti-EGFR (Matuzumab), humanized Antibody (**Cat. No. A1090-200**)
- Anti-CD4 (Clenoliximab), humanized Antibody (**Cat. No. A1091-200**)
- Anti-alpha 5 beta 1 Integrin (Volociximab), humanized Antibody (**Cat. No. A1092-200**)
- Anti-TNF alpha (Humicade), humanized Antibody (**Cat. No. A1093-200**)
- Anti-CD40L (Ruplizumab), humanized Antibody (**Cat. No. A1094-200**)
- Anti-Human Ephrin Type A receptor 2 (1C1), humanized Antibody (**Cat. No. A1095-200**)
- Anti-Carcinoembryonic antigen (Arcitumomab), humanized Antibody (**Cat. No. A1096-200**)
- Anti-TNF alpha (Infliximab), humanized Antibody (**Cat. No. A1097-200**)
- Anti-IL-2R alpha (CD25) (Basiliximab), humanized Antibody (**Cat. No. A1098-200**)
- Human IgG1,  $\kappa$  Isotype Control Antibody (**Cat. No. A1100-200**)

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