

## Anti-Unknown Specificity (Isotype control) [MOPC-21] Standard Size Ab00178-7.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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.

**Isotype and Format:** Rat IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** MOPC-21

**Alternative Name(s) of Target:** MOPC21

**UniProt Accession Number of Target Protein:**

**Published Application(s):** negative control

**Published Species Reactivity:** n/a

**Immunogen:**

**Specificity:** An antibody of unknown specificity that maybe used as a negative control.

**Application Notes:**

**Antibody First Published in:** Bothwell AL et al (VH); Hamlyn PH et al (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) [PMID:6788376 \(VH\); 6170937 \(VL\)](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.