# Rabbit IgG Monoclonal Isotype Control Antibody [clone NCRBM/1520R] (V7260)

| Catalog No. | Formulation | Size |
|---|---|---|
| V7260-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7260-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V7260SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | NA |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | NCRBM/1520R |
| **Purity** | Protein A affinity chromatography |
| **Applications** | ELISA: assay dependent<br>Flow cytometry: assay dependent<br>Immunofluorescence: assay dependent<br>Immunoprecipitation: assay dependent<br>Immunohistochemistry (FFPE or Frozen): assay dependent<br>Western blot: assay dependent |
| **Limitations** | This Rabbit IgG Monoclonal Isotype Control Antibody is available for research use only. |



## Description

Rabbit IgG Monoclonal Isotype Control Antibody is a non-reactive control antibody designed to match the immunoglobulin class, subclass, and monoclonal format of rabbit IgG primary antibodies. This reagent does not recognize a specific cellular antigen and is used as a negative control to assess non-specific binding, background staining, and Fc receptor-mediated interactions in immunoassays. Rabbit IgG Monoclonal Isotype Control Antibody is particularly important when interpreting results generated with rabbit monoclonal primary antibodies, ensuring that observed signal is attributable to specific antigen recognition rather than antibody-related artifacts.

This rabbit IgG monoclonal isotype control is produced as a monoclonal antibody, providing batch-to-batch consistency and defined immunoglobulin properties that closely mirror rabbit monoclonal primary antibodies used in experimental workflows. Because monoclonal and polyclonal antibodies can differ in binding behavior and background characteristics, the use of a monoclonal isotype-matched control is critical for accurate experimental interpretation. Rabbit IgG Monoclonal Isotype Control Antibody supports controlled comparison across samples in techniques such as immunohistochemistry, immunofluorescence, flow cytometry, and other antibody-based research assays.

In experimental design, Rabbit IgG Monoclonal Isotype Control Antibody is applied at the same concentration and under the same conditions as the corresponding rabbit monoclonal primary antibody. Any staining or signal detected with the isotype control reflects non-specific interactions, allowing researchers to distinguish true antigen-dependent signal from background. This approach improves data confidence, particularly in tissues or cells with high endogenous immunoglobulin binding or Fc receptor expression.

Rabbit IgG Monoclonal Isotype Control Antibody clone NCRBM/1520R provides a standardized control reagent for studies requiring rigorous assessment of antibody specificity. Use of clone NCRBM/1520R enables reliable validation of staining specificity and supports reproducible results across experiments involving rabbit monoclonal antibodies in diverse research applications.

Researchers utilizing negative controls for immunohistochemistry, flow cytometry, immunofluorescence, and other antibody-based assays may also be interested in our Isotype Control Antibodies page featuring reagents for background staining assessment and assay validation.

## Application Notes

This Rabbit IgG Monoclonal Isotype Control Antibody shows no reactivity to tested lysates and tissues. Generally, the dilution used is matched to the dilution of the antibody being used to test for the protein of interest.

## Storage

Store the recombinant rabbit isotype control monoclonal antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


Copyright © NSJ Bioreagents. All rights reserved.