

## Technical Data Sheet

**Purified NA/LE Mouse IgG2b, κ Isotype Control****Product Information**

<b>Material Number:</b>	<b>559530</b>
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Clone:</b>	MPC-11
<b>Isotype:</b>	Mouse (BALB/c) IgG2b, κ
<b>Storage Buffer:</b>	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm filtered. Endotoxin level is ≤0.01 ng/µg of protein.

**Description**

The MPC-11 antibody has unknown specificity. The MPC-11 cell line was adapted to continuous culture from the transplantable Merwin Plasmacytoma-11, which was induced by intraperitoneal implantation of a Millipore diffusion chamber into a BALB/c mouse.

**Preparation and Storage**

Store undiluted at 4°C.

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

**Application Notes****Application**

Isotype control	Routinely Tested
ELISA	Routinely Tested
(Co)-stimulation	Tested During Development
Blocking	Tested During Development
Cytotoxicity	Tested During Development
Functional assay	Tested During Development

**Product Notices**

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
3. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

**References**

Laskov R, Scharff MD. Synthesis, assembly, and secretion of gamma globulin by mouse myeloma cells. I. Adaptation of the Merwin plasma cell tumor-11 to culture, cloning, and characterization of gamma globulin subunits. *J Exp Med.* 1970; 131(3):515-541. (Clone-specific)  
 Sabinovic KH, Potter M, Hoostelaere, Rode B, Wax J, ed. *Catalogue of plasmacytomas and other tumors of the lymphoreticular system, 3rd edition.* Kensington, Maryland: Litton Bionetics, Inc; 1976:1-33. (Clone-specific)

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