

## Monoclonal Anti-Mouse Phospholipase D Family, Member 4, Clone U54.R.mPLD4.3 (produced *in vitro*)

**Catalog No. NR-4227**

**For research use only. Not for human use.**

The hybridoma from which NR-4227 was derived produces two antibody classes, IgG2ak and IgG2bk. NR-4227 contains both IgG2ak and IgG2bk.

This antibody preparation is being provided without functional confirmation.

Please read the Certificate of Analysis carefully to determine whether or not this product is acceptable for your intended use.

### Contributor:

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### Manufacturer:

Covance, Inc.

### Product Description:

**Antibody Class:** IgG2ak, IgG2bk

Monoclonal antibody prepared against mouse phospholipase D family, member 4 (mPLD4) was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of myeloma cells with immunized rat splenocytes.

### Material Provided:

Each vial of NR-4227 contains approximately 1 mg of purified monoclonal antibody in phosphate buffered saline (PBS), pH ~ 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

### Packaging/Storage:

NR-4227 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-4227 may be stored undiluted at 4°C for several weeks. It should not be diluted until immediately prior to use. For long-term storage, NR-4227 should be aliquoted and stored at -20°C or colder. Freeze-thaw cycles should be avoided.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Mouse Phospholipase D Family, Member 4, Clone U54.R.mPLD4.3 (produced *in vitro*), NR-4227."

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

### Disclaimers:

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