

Certificate of Analysis for NR-4227

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

Catalog No. NR-4227

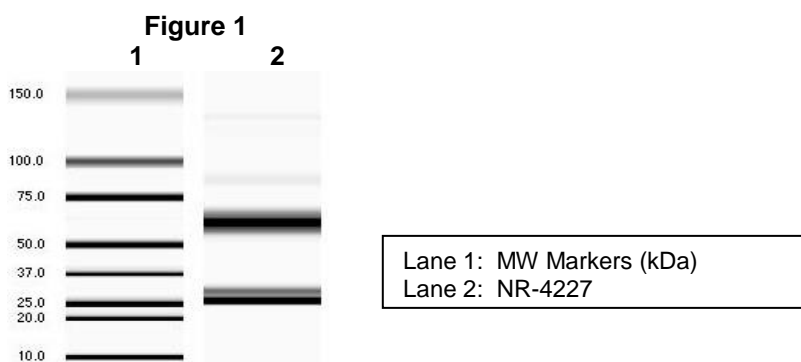
Product Description: Antibody Class: IgG2ak, IgG2bk

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

Lot: 7761139

Manufacturing Date: 19OCT2007

TEST	SPECIFICATIONS	RESULTS
Antibody Class	Report results	IgG2ak, IgG2bk
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (see Figure 1) 89.9% pure
Concentration by Spectrophotometer at OD ₂₈₀	1.0 mg/mL ± 7%	1.0 mg/mL
Sterility (14-days; USP30/NF25) Thioglycolate Medium Soybean Casein Digest Medium	No turbidity No turbidity	No turbidity No turbidity



Date: 01 MAY 2014

Signature:

Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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