

Datasheet for 200-301-277**p13 Antibody****Overview**

Description:	Anti-p13 (MOUSE) Monoclonal Antibody - 200-301-277
Item No.:	200-301-277
Size:	100 µg
Reactivity:	Human
Host Species:	Mouse

Product Details

Background:	p13 is a specific marker for human myeloid cells. Induction studies using HL-60 cells show that p13 is expressed during the early phases of myeloid differentiation. The mAb anti-p13 recognizes a nuclear antigen expressed in human granulocytes (98%) and monocytes (80%) residing in lymphoid and non-lymphoid tissues. BM3 is an early marker of myeloid differentiation. Immunoprecipitation experiments using S35 methionine labeled human myeloid leukemia cells show that BM3 identifies a 13,000 Dalton protein.
Synonyms:	P13 protein
Host Species:	Mouse
Clonality:	Monoclonal
Clone ID:	BM3
Format:	IgG1

Target Details

Gene Name:	EXOSC1
Reactivity:	Human
Immunogen Type:	Native Protein
Immunogen:	A BALB/c mouse was immunized with nuclei from Pokeweed mitogen stimulated human peripheral blood lymphocytes.

Purity/Specificity: This protein A purified mouse monoclonal antibody reacts specifically with p13 in human granulocytes and monocytes residing in lymphoid and non-lymphoid tissues. The antibody recognizes a 13 kDa band corresponding to p13. Cross reactivity from other sources has not been determined.

Relevant Links:

- [NCBI - Q9Y3B2.1](#)
- [UniProtKB - Q9Y3B2](#)
- [GeneID - 51013](#)

Application Details

Application Note: This antibody is suitable for flow cytometry and immunohistochemistry-frozen section. The antibody does not stain tissue after paraffin treatment.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:5,000 - 1:20,000

FC: User Optimized

IHC: 1:100

IP: 1:100

WB: 1:500 - 1:5,000

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: 0.01% (w/v) Sodium Azide

Stabilizer: None

Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.