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Product datasheet for TA396748

EXOSC1 Mouse Monoclonal Antibody [Clone ID: BM3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BM3
Applications:	ELISA, FC, IHC, IP, WB
Recommended Dilution:	**WB**: 1:500 - 1:5,000 **IHC**: 1:100 **FC**: User Optimized **ELISA**: 1:5,000 - 1:20,000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse was immunized with nuclei from Pokeweed mitogen stimulated human peripheral blood lymphocytes.
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.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
Gene Name:	exosome component 1
Database Link:	Entrez Gene 51013 Human Q9Y3B2

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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

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