

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Neutrophil Elastase Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 13201 -13204

Size: 1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Purified human neutrophil elastase.

Host Species: Mouse

Antibody Class: 13201, 13202 = IgM
13203 = IgG1
13204 = IgG2b

Stabilizers: None.

Preservatives: None. Available on request.

APPLICATIONS

These antibodies may be used in immunoassays to detect human neutrophil elastase and in studies of inhibition and enzyme kinetics of neutrophil elastase.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ACTIVITY

	Ig mg/ml*	ELISA Titer**	% ENZYME INHIBITION***
13201	16.7	1: 800	1.2
13202	5.1	1: 6,400	4.1
13203	12.7	1: 51,200	90.0
13204	24.6	1: 51,200	82.0

* Determined by radial immunodiffusion for several lots of ascites.

** ELISA is an indirect assay against neutrophil elastase on the solid phase. Titers represent endpoint dilutions that achieve absorbance values ≥ 0.1 .

*** Per cent inhibition of elastase-mediated hydrolysis of elastin-Congo Red substrate.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.