

Monoclonal Antibody to Human Neutrophil Elastase

Catalog No.:	DM3153
Quantity:	0.5 ml
Concentration:	0.15-0.18 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	NP57
Immunogen:	Human Neutrophil Granule Proteins.
Applications:	Immunohistochemistry on frozen and paraffin embedded sections (1:50 to 1:150; Prolonged fixation in buffered formalin can destroy the Epitope). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with human neutrophil elastase, a neutral protease which plays a role in microbial killing and in initiating tissue injury. This antibody recognizes neutrophils and their precursors. This antigen is sharply localized in individual myeloid cells. Cellular Localization: cytoplasmic. MW of Antigen: 30kD
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Pulford KA, Erber WN, Crick JA, Olsson I, Micklem KJ, Gatter KC, et al. Use of monoclonal antibody against human neutrophil elastase in normal and leukaemic myeloid cells. J Clin Pathol. 1988 Aug;41(8):853-60. PubMed PMID: 2844860. 2. Kramps JA, van der Valk P, van der Sandt MM, Lindeman J, Meijer CJ. Elastase as a marker for neutrophilic myeloid cells. J Histochem Cytochem. 1984 Apr;32(4):389-94. PubMed PMID: 6561228. 3. Briggs RC, Glass WF, Monteil MM, Hnilica LS. Lactoferrin: nuclear localization in the human neutrophilic gran