

## Monoclonal Antibody to Elastase (neutrophil) - Purified

<b>Catalog No.:</b>	AF7610
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.5 mg/ml (after reconstitution)
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	121-3E10
<b>Format:</b>	<p><b>State:</b> Lyophilized Ig fraction.</p> <p><b>Buffer System:</b> 0.1 M Na-Phosphate buffer, pH 7.0 containing 0.5% protease-free bovine serum albumin as stabilizer.</p> <p><b>Reconstitution:</b> Add 200 µl of deionized or distilled water.</p>
<b>Applications:</b>	<p>Suitable for Western blotting and Immunohistochemistry on paraffin sections (use 10 µg/ml for paraffin sections).</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>The antibody specifically reacts with the hNE.</p> <p>Cross-reactivity not tested.</p>
<b>Storage:</b>	<p>Prior to reconstitution store at -20°C.</p> <p>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>
<b>General Readings:</b>	<ol style="list-style-type: none"> <li>1. Watanabe H, Hattori S, Katsuda S, Nakanishi I, Nagai Y. Human neutrophil elastase: degradation of basement membrane components and immunolocalization in the tissue. J Biochem. 1990 Nov;108(5):753-9. PubMed PMID: 1982000.</li> <li>2. Hoshino, T. et al. A one-step sandwich enzyme immunoassay using monoclonal antibodies for detection of human neutrophil elastase. Connect. Tissue. 27. 175-181, 1995 (In Japanese).</li> </ol>