


## Monoclonal mouse anti-proteinase 3

<b>Product code</b>	MAB PR3 6A6
<b>Introduction</b>	<p>Proteinase 3 (PR3) is a serine protease localized primarily in the azurophilic granules of the neutrophils. It has a microbicidal function, however not dependent on proteolysis. PR3 is the major target of auto-antibodies giving the c-ANCA immunofluorescence pattern of ethanol fixed neutrophils. Auto-antibodies to PR3 is strongly associated with the vasculitic disease named granulomatosis with polyangiitis (GPA; formerly called Wegener's granulomatosis).</p> <p>This antibody has been described in Sommarin et al, Exp Nephrol. 1995;3:249-256.</p>
<b>Description</b>	Murine monoclonal antibody against granulocyte Proteinase 3. Clone 4A5, Isotype IgG <sub>1</sub> .
<b>Immunogen</b>	Extract of human neutrophil $\alpha$ -granules.
<b>Species specificity</b>	Human
<b>Buffer composition</b>	Hybridoma cell culture supernatant, 0.05% Sodium azide
<b>Storage</b>	2-8 °C. Long term storage at -20 °C.
<b>Form</b>	Liquid
<b>Use</b>	For Research Use and further manufacturing applications. Users must validate this material for their own use and application.
<b>Application</b>	This product may be used in ELISA, Western blot and Immunohistochemistry. This product may be used on ethanol-fixed tissue sections.
<b>Precautions</b>	The product contains Sodium azide (0.05%) - a preservative. Sodium azide can react with lead and copper plumbing to form highly explosive metal azides. On disposal, drain with large quantities of water to prevent azide build-up.
	Biological hazard
<b>Waste disposal</b>	<p>Dispose of all potentially infected material in accordance with good microbiological practice. All such materials should be handled and disposed as though potentially infectious.</p> <p>Residues of chemicals and preparations are generally considered as biohazardous waste, and should be inactivated prior to disposal by autoclaving or using bleach. All such materials should be disposed of in accordance with established safety procedures.</p>