

## Product datasheet for **AM31854PU-N**

### **SERPINB8 Mouse Monoclonal Antibody [Clone ID: anti-PI8K]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	anti-PI8K
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 7.8 ng/ml Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Proteinase Inhibitor 8 (PI8) purified from the supernatant of thrombin activated platelets.
Specificity:	This antibody is specific for Human Proteinase Inhibitor 8 (PI8).
Formulation:	PBS containing 0.02% sodium azide (NaN <sub>3</sub> ) as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family B member 8
Database Link:	<a href="#">Entrez Gene 5271 Human P50452</a>



[View online »](#)

<b>Background:</b>	Serpins are a group of proteins with similar structures that have been shown to inhibit proteases. Many serpins, like PI8 inhibit chymotrypsin – like serine proteases (serine protease inhibitors). Human proteinase inhibitor 8 (PI8) is a widely expressed 45-kDa ovalbumin type serpin. PI8 forms a complex with Furin, a ubiquitous mammalian endoproteinase in order to inhibit it. PI8 is also a potent inhibitor of bacillus subtilis, a Gram and catalase positive bacteria commonly found in soil.
<b>Synonyms:</b>	Serpin B8, CAP2, CAP-2, PI8, PI-8
<b>Protein Families:</b>	Druggable Genome