

Datasheet for ABIN603458
anti-SERPINB5 antibody (AA 1-375)



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Overview

Quantity:	100 µg
Target:	SERPINB5
Binding Specificity:	AA 1-375
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This SERPINB5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant human Serpin B5 NP_002630, aa 1-375 (E. coli).
	Type of Immunogen: Recombinant protein
Isotype:	IgG2b
Specificity:	Recognizes human Serpin B5. Species sequence homology: 99 % - chimpanzee, 92 %- dog, 89 %- mouse, 88 %- rat and 64 %-chicken.
Purification:	Purified

Target Details

Target:	SERPINB5
Alternative Name:	SERPINB5 / Maspin (SERPINB5 Products)

Target Details

Background:	Name/Gene ID: SERPINB5 Synonyms: SERPINB5, Maspin, Peptidase inhibitor 5, PI5, Protease inhibitor 5 (maspin), Serpin B5, PI-5
Gene ID:	5268
NCBI Accession:	NP_002630
UniProt:	P36952
Pathways:	p53 Signaling

Application Details

Application Notes:	Approved: ELISA, IP (25 µg/mL), WB (1 - 2 µg/mL) Usage: Suitable for use in ELISA, Western Blot, and Immunoprecipitation. ELISA (direct): 0.5-1 µg/mL. The detection limit is ~15 ng/well. Western Blot: 1-2 µg/mL. The detection limit is ~100 ng/lane and 25 ng/lane under non-reducing and reducing conditions. Immunoprecipitation: 25 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	200 µL sterile PBS
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, 5 % trehalose
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Reconstituted product is stable for 1 year at -20°C.