



Mouse Anti-Human PAD2 monoclonal antibody, clone 0G8 (CABT-L4588)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The predicted molecular weight of PAD2 is 75.6 kDa and this clone detects a band at 75 kDa by western blot.
Specificity	This clone detects a band at 75 kDa by western blot.
Immunogen	Full length recombinant human PAD2 protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	0G8
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, WB, IHC
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS, pH 7.2, with 50% glycerol, 0.1% BSA, and 0.02% sodium azide
Preservative	0.02% sodium azide

Storage	At -20°C
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Ship	Wet ice
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BACKGROUND

Introduction	Protein Arginine Deiminases (PADs) are guanidino-modifying enzymes belonging to the amidinotransferase superfamily and are designated PAD1-4 and PAD6. PAD enzymes catalyze the conversion of specific arginine residues to citrulline in a calcium-dependent manner. All enzymes are cytosolic except for PAD4 which is localized in the nucleus.
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Keywords	PADI2;PAD-H19;Peptidylarginine Deiminase II
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GENE INFORMATION

UniProt ID	Q9Y2J8
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