



# 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

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

<b>Storage</b>	At -20°C
<b>Ship</b>	Wet ice
<b>Warnings</b>	This product is for research use only and is not intended for diagnostic use.

## 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.

**Keywords** PADI2;PAD-H19;Peptidylarginine Deiminase II

## GENE INFORMATION

**UniProt ID** [Q9Y2J8](#)