Ubiquitin monoclonal antibody (P4D1) (HRP conjugate)

Ubiquitin modification of cellular proteins has been shown to be involved with a wide range of biochemical processes including proteasomal degradation, signal transduction, DNA repair, endocytosis and autophagy.

This antibody is covered by our Worry-Free Guarantee.

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BML-PW0935-0025	25µl
BML-PW0935-0100	100µl

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	WB
Clone	P4D1
Formulation	Liquid. In PBS containing 0.01% sodium azide.
Host	Mouse
Immunogen	Denatured bovine ubiquitin.
Isotype	IgG1
Purity Detail	Ion exchange purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from tissue culture supernatant. HRP conjugated chemically *in vitro.*
Species Reactivity	Species independent
Specificity	Recognizes mono- and poly-ubiquitin protein conjugates, free polyubiquitin chains and free ubiquitin.

Technical Info / Product Notes	P4D1 antibody was developed using a denatured glutaraldehyde cross-linked ubiquitin IgG complex as the immunogen. Monoclonal antibody was purified from tissue culture supernatant by ion exchange chromatography. The general ubiquitin reactivity of the monoclonal antibody has been demonstrated by Western blotting using synthetic ubiquitin chains, single isopeptide-linked polyubiquitin chains, and with endogenously ubiquitinylated species in cell lysates.
UniProt ID	P0CG53 (UBB), P0CH28 (UBC), P62992 (RPS27A), P63048 (UBA52)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

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