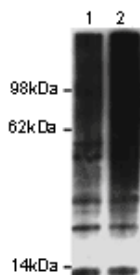


Anti-Ubiquitin Purified

Catalog Number: 14-6078


RUO: For Research Use Only



293T cells were treated with vehicle (1) or proteasome inhibitor (2) for 4 hours. Lysates were then immunoblotted with Anti-Ubiquitin Purified at 2 μ g/ml and revealed with anti-mouse HRP.

Product Information

Contents: Anti-Ubiquitin Purified

 Catalog Number: 14-6078

Clone: eBioP4D1 (P4D1)

Concentration: 0.5 mg/ml


Host/Isotype: Mouse IgG1

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The monoclonal antibody eBioP4D1 (p4D1) recognizes ubiquitin, a small 8kDa protein. Ubiquitin units are linked to proteins via a ubiquitination process, thereby signaling the protein for degradation by the 26S proteasome. The process of ubiquitination plays a role in differentiation, cell cycle progression, apoptosis and disease progression. For example, neuronal inclusions called Lewis bodies from Parkinson patients are rich in ubiquitin.

Applications Reported

This eBioP4D1 (P4D1) antibody has been reported for use in immunoprecipitation, immunoblotting (WB), and immunohistochemical staining.

Applications Tested

This eBioP4D1 (P4D1) antibody has been tested by immunoblotting of treated cell lines. This can be used at less than or equal to 2 μ g/ml. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Brady M, Vlatkovic N, Boyd MT. Regulation of p53 and MDM2 activity by MTBP. Mol Cell Biol. 2005 Jan;25(2):545-53. (P4D1, IP)

Ito T, Niwa J, Hishikawa N, Ishigaki S, Doyu M, Sobue G. D α -Syn localizes to Lewy bodies and ubiquitylates synphilin-1. J Biol Chem. 2003 Aug 1;278(31):29106-14. (P4D1, IHCp)

Related Products

11-4011 Anti-Mouse IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4013 Anti-Mouse IgG Biotin (Polyclonal)

14-4714 Mouse IgG1 K Isotype Control Purified

17-4317 Streptavidin APC

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