Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Mono- and polyubiquitinylated conjugates, mAb (FK2)

RRID:AB_10541840
Type: Antibody

Proper Citation

(Enzo Life Sciences Cat# BML-PW8810, RRID:AB_10541840)

Antibody Information

URL: http://antibodyregistry.org/AB_10541840

Proper Citation: (Enzo Life Sciences Cat# BML-PW8810, RRID:AB_10541840)

Target Antigen: Mono- and polyubiquitinylated conjugates mAb (FK2)

Clonality: monoclonal

Comments: manufacturer recommendations: IgG1 ELISA, Immunohistochemistry, Immunoprecipitation (Care must be taken as MAb to Mono- and Polyubiquitinylated Conjugates (FK2) demonstrates affinity for both free ubiquitin and multi-ubiquitinylated species when immobilised), Western Blot (1:1000), Optimal conditions must be determined individually for each application.

Antibody Name: Mono- and polyubiquitinylated conjugates, mAb (FK2)

Description: This monoclonal targets Mono- and polyubiquitinylated conjugates mAb (FK2)

Target Organism: species independent, mono- and polyubiquitinylated conjugates. species independent. does not cross-react with free ubiquitin

Antibody ID: AB_10541840

Vendor: Enzo Life Sciences

Catalog Number: BML-PW8810

Record Creation Time: 20231110T072020+0000

Record Last Update: 20241115T131602+0000

Ratings and Alerts

No rating or validation information has been found for Mono- and polyubiquitinylated conjugates, mAb (FK2).

Warning: ***Extracted Antibody Information:*** "1:300), anti-Cdu1 (1:200), anti-Ub- FK2 (Enzo Life Sciences Cat# BML-PW8810 RRID:***AB_10541840***;"

Extracted Specificity Statement: "Indirect immunofluorescence staining for cHSP60 (green channel) and Cdu1 (red channel) was performed. The Cdu1 antibody shows un***specific*** staining of nuclear structures. Scale bar 10 µm. (D) Relative amount of Mcl-1 in HeLa cells infected with Ctr WT and Tn-cdu1 mutant for 24 or 30 hr."

Data was mined by Antibody Watch (https://arxiv.org/pdf/2008.01937.pdf), from ***PMID:28347402***
manufacturer recommendations: IgG1 ELISA, Immunohistochemistry, Immunoprecipitation (Care must be taken as MAb to Mono- and Polyubiquitinylated Conjugates (FK2) demonstrates affinity for both free ubiquitin and multi-ubiquitinylated species when immobilised), Western Blot (1:1000), Optimal conditions must be determined individually for each application.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 71 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Yi S, et al. (2024) The autophagy protein Atg9 functions in glia and contributes to parkinsonian symptoms in a Drosophila model of Parkinson's disease. Neural regeneration research, 19(5), 1150.

Wrobel L, et al. (2024) p37 regulates VCP/p97 shuttling and functions in the nucleus and cytosol. Science advances, 10(18), eadl6082.

Prus G, et al. (2024) Global, site-resolved analysis of ubiquitylation occupancy and turnover rate reveals systems properties. Cell, 187(11), 2875.

Szczesna M, et al. (2024) Bacterial esterases reverse lipopolysaccharide ubiquitylation to block host immunity. Cell host & microbe, 32(6), 913.

Ruiz-Romero G, et al. (2024) Limiting 20S proteasome assembly leads to unbalanced nucleo-cytoplasmic distribution of 26S/30S proteasomes and chronic proteotoxicity. iScience,

27(11), 111095.

Alghoul E, et al. (2023) Compartmentalization of the SUMO/RNF4 pathway by SLX4 drives DNA repair. Molecular cell, 83(10), 1640.

Leduc-Gaudet JP, et al. (2023) Autophagy ablation in skeletal muscles worsens sepsis-induced muscle wasting, impairs whole-body metabolism, and decreases survival. iScience, 26(8), 107475.

Röth S, et al. (2023) Identification of KLHDC2 as an efficient proximity-induced degrader of K-RAS, STK33, ?-catenin, and FoxP3. Cell chemical biology, 30(10), 1261.

Osborne HC, et al. (2022) Sesquiterpene Lactones Potentiate Olaparib-Induced DNA Damage in p53 Wildtype Cancer Cells. International journal of molecular sciences, 23(3).

Vaughen JP, et al. (2022) Glial control of sphingolipid levels sculpts diurnal remodeling in a circadian circuit. Neuron, 110(19), 3186.

Shlevkov E, et al. (2022) Discovery of small-molecule positive allosteric modulators of Parkin E3 ligase. iScience, 25(1), 103650.

Szymanska K, et al. (2022) Regulation of canonical Wnt signalling by the ciliopathy protein MKS1 and the E2 ubiquitin-conjugating enzyme UBE2E1. eLife, 11.

Wang L, et al. (2022) TMUB1 is an endoplasmic reticulum-resident escortase that promotes the p97-mediated extraction of membrane proteins for degradation. Molecular cell, 82(18), 3453.

Wrobel L, et al. (2022) Compounds activating VCP D1 ATPase enhance both autophagic and proteasomal neurotoxic protein clearance. Nature communications, 13(1), 4146.

Hargitai D, et al. (2022) Autophagy controls Wolbachia infection upon bacterial damage and in aging Drosophila. Frontiers in cell and developmental biology, 10, 976882.

Boocholez H, et al. (2022) Neuropeptide signaling and SKN-1 orchestrate differential responses of the proteostasis network to dissimilar proteotoxic insults. Cell reports, 38(6), 110350.

Simpson LM, et al. (2022) Target protein localization and its impact on PROTAC-mediated degradation. Cell chemical biology, 29(10), 1482.

Ruggiano A, et al. (2021) The protease SPRTN and SUMOylation coordinate DNA-protein crosslink repair to prevent genome instability. Cell reports, 37(10), 110080.

Abe H, et al. (2021) RNF8 is not required for histone-to-protamine exchange in spermiogenesis†. Biology of reproduction, 105(5), 1154.

Maat H, et al. (2021) The USP7-TRIM27 axis mediates non-canonical PRC1.1 function and is a druggable target in leukemia. iScience, 24(5), 102435.