

Product Datasheet

K27-linkage Specific Ubiquitin Antibody

Catalog No: CY5453

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P0CG47/P0CG48

All Names: FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 22kDa

Application

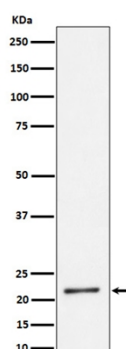
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH₂ of the target protein lysine residue.



Western blot analysis of K27-linkage Specific Ubiquitin expression in HeLa cell lysate.

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