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K11-linked Tetra-Ubiquitin recombinant protein

K11-linked Tetra-Ubiquitin
Catalog # PBV10656r

Specification

K11-linked Tetra-Ubiquitin recombinant protein - Product info

Concentration	**2.5**
Calculated MW	**34.205 kDa (Band migrates faster on gels) KDa**

K11-linked Tetra-Ubiquitin recombinant protein - Additional Info

Assay&Purity	**Western Blot; ≥95%**
Assay2&Purity2	**N/A;**

Format
Liquid

Storage
-80°C; 2.5 mg/ml in 20 mM Tris-HCl, pH 7.5, 0.15 M NaCl and 1 mM EDTA.

K11-linked Tetra-Ubiquitin recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

K11-linked Tetra-Ubiquitin recombinant protein - Images

K11-linked Tetra-Ubiquitin recombinant protein - Background

Increasingly, researchers are focusing on the role poly-ubiquitin chains linked through K11. This post-translational modification has been linked to the ERAD cycle as a signal, similar to K48 linkage, for proteasomal degradation. More recently, K11 linkage appears to play an important role in cell cycle signaling, as it is associated with the anaphase promoting complex (APC) of ubiquitination machinery. These tetra-ubiquitin chains are generated from the enzymatic linkage (UBE2S) of wild-type ubiquitin through lysine 11 and purified to >95% homogeneity by ion exchange chromatography.