

UBC

Anti-K48-linked Polyubiquitin (SAA0329) mAb

Catalog No.	RHC59302A	Quantity:	100 µg
	RHC59302B		1.0 mg

Alternate Names: Polyubiquitin-C, Ubiquitin, UBC

Description: Ubiquitin is a highly conserved protein modifier that heavily accumulates during the oxidative stress response. In the ubiquitin/proteasome system (UPS), the proteasome is the multicatalytic protease, while ubiquitin is the molecular marker that targets protein for degradation. Cellular proteins can be mono-, multi-, or polyubiquitinated, with the latter triggering a multitude of functions depending on which ubiquitin lysine residue is used to link the ubiquitin molecules into a chain. Polyubiquitin chains linked via lysine 48 (K48) are the most abundant and the canonical signal for protein degradation by the proteasome. Anti-K48-linked Polyubiquitin (SAA0329) is a murine monoclonal antibody which targets Human, Mouse, Rat, Rabbit K48-linked Polyubiquitin

UniProt ID (target): P0CG48

Specificity: Human, Mouse, Rat, Rabbit K48-linked Polyubiquitin

Concentration: 1.0 mg/ml, lot specific

Source: XtenCHO

Isotype: Mouse IgG2a kappa

Formulation: 0.01M PBS buffer, pH 7.4

Purity: > 95% by SDS-PAGE

Endotoxin Level: ≤ 0.1 EU/µg by LAL analysis

Purification: Protein A or G affinity chromatography from cell culture supernatant

Applications: ELISA, IP, Western blot

Storage & Stability: Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year.
Avoid freeze/thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences[®]
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com