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Anti-Ubiquitin Lys48 Rabbit mAb [14A03]

Catalog No.: A52356

Basic Information

Catalog No. (Cat.No.)	A52356
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Ubiquitin Lys48,Ubiquitin(K48-linkage),Ubiquitin K48-linked polyubiquitin chain,Ubiquitin-42Y

Product Information

Target	Ubiquitin Lys48
Molecular Weight(Calculated)	26 kDa
Molecular Weight(Observed)	13-250 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	14A03
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Ubiquitin(K48-linkage)
Gene Name	*UBC*
Domain	NA
Background	K48-linked polyubiquitin chains are assembled via lysine-48 of ubiquitin moieties and constitute canonical targeting signal for proteasomal degradation. Substrates decorated with K48 polyubiquitin are recognized by 26S proteasome for ubiquitin-proteasome-system-dependent turnover, governing cell-cycle progression, DNA-damage response, apoptosis and general protein homeostasis.