

# Product Datasheet

## Poly-Ubiquitin Antibody (5Y8J0) - K48 Linkage NBP3-16232-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16232-100ul****Poly-Ubiquitin Antibody (5Y8J0) - K48 Linkage**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5Y8J0
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	26 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Poly-Ubiquitin Antibody (5Y8J0) - K48 Linkage (NBP3-16232) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6233
<b>Gene Symbol</b>	RPS27A
<b>Species</b>	Human
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Poly-Ubiquitin (P0CG47). MQIFVKLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNIQKESTLHLVLRGGMQIFVKLTGKTITLEVEPSDTIE

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunocytochemistry/ Immunofluorescence 1:50 - 1:200



## Images

**Western Blot: Poly-Ubiquitin Antibody (5Y8J0) - K48 Linkage [NBP3-16232]** - Western blot analysis of lysates from HeLa cells using Poly-Ubiquitin Rabbit mAb at 1:1000 dilution incubated overnight at 4C. HeLa cells were treated by MG132 (50 uM) at 37C for 90 minutes.

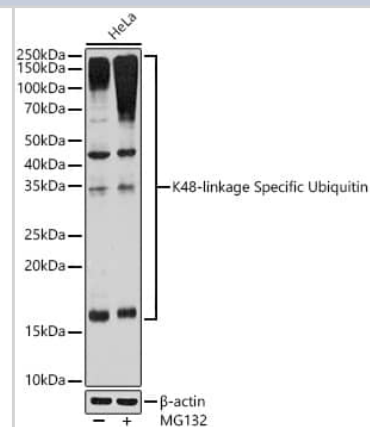
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

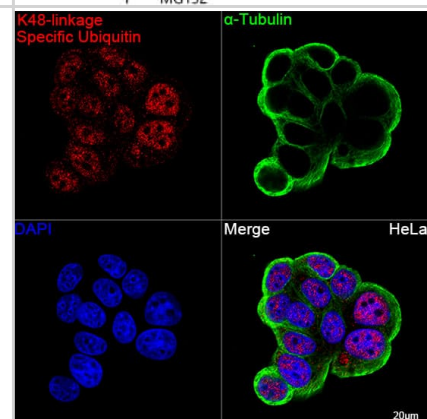
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

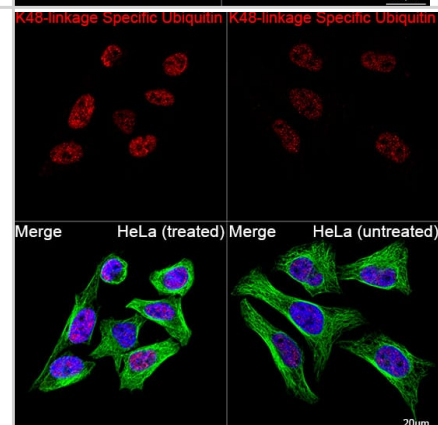
Exposure time: 180s.



**Immunocytochemistry/ Immunofluorescence: Poly-Ubiquitin Antibody (5Y8J0) - K48 Linkage [NBP3-16232]** - Confocal imaging of MCF7 cells using Poly-Ubiquitin Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



**Confocal imaging of HeLa cells (treated with MG-132) and HeLa cells (untreated)** cells using K48-linkage Specific Ubiquitin Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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### **Products Related to NBP3-16232-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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