

# Product Datasheet

## Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage - BSA Free NBP2-36523

Unit Size: 0.05 ml

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

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**NBP2-36523**

Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<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>	HWA4C4
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage - BSA Free (NBP2-36523) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6233
<b>Gene Symbol</b>	RPS27A
<b>Species</b>	Non-species specific
<b>Reactivity Notes</b>	Does not cross-react with any other isopeptide-linked (K6, K11, K27, K29, K33, or K48) polyubiquitinated species.
<b>Specificity/Sensitivity</b>	Antibody specifically recognizes K63-linked polyubiquitin chains, but not any other isopeptide-linked (K6, K11, K27, K29, K33, or K48) polyubiquitin chain or monoubiquitin. The specificity of this K63-linked ubiquitin specific monoclonal antibody was demonstrated using synthetic ubiquitin chains, single isopeptide-linked polyubiquitin chains, and with endogenously ubiquitinated species in both cell lysates and intact cells.
<b>Immunogen</b>	Synthetic peptide containing the ubiquitin K63-isopeptide motif.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:100
<b>Application Notes</b>	Specificity is temperature sensitive. Western blot membranes must not be autoclaved. Excessive heat should be avoided in all applications. K63-linked polyubiquitin modified proteins comprise only a proportion of total cellular polyubiquitinated species. Increased sample loading may therefore be required for analysis by Western blot. Do not use milk as blocking solution. Use 1% BSA in an appropriate buffer instead.

## Images

Western Blot: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Analysis of HeLa S100 Fraction. (Lane A) and MAb to Polyubiquitinated Conjugates (clone FK1) (Lane B) at 1:1000 dilution.



Immunohistochemistry-Paraffin: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Sections of hippocampus from human Alzheimers disease brain stained at 1:100 dilution with biotinylated secondary antibody and DAB detection.



Western Blot: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Analysis at 1:1000 dilution





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### **Products Related to NBP2-36523**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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