

# Product Datasheet

## Poly-Ubiquitin Antibody (HWA4C4) NBP2-89085

Unit Size: 25 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89085****Poly-Ubiquitin Antibody (HWA4C4)**

<b>Product Information</b>	
<b>Unit Size</b>	25 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. 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>	N/A
<b>Buffer</b>	PBS

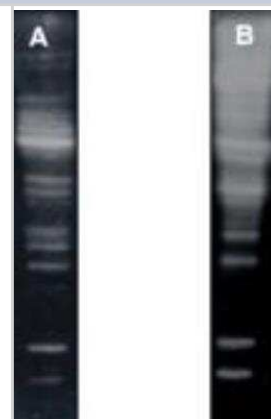
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6233
<b>Gene Symbol</b>	RPS27A
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	Recognizes K 63-linked polyubiquitin in wide range of species.
<b>Immunogen</b>	Synthetic peptide containing the ubiquitin K63-isopeptide motif.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Western Blot: Specificity for K63 of mAb to Polyubiquitin (K63-linkage-specific) (HWA4C4) 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.

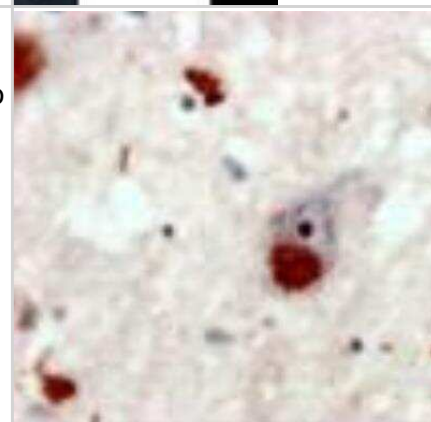


## Images

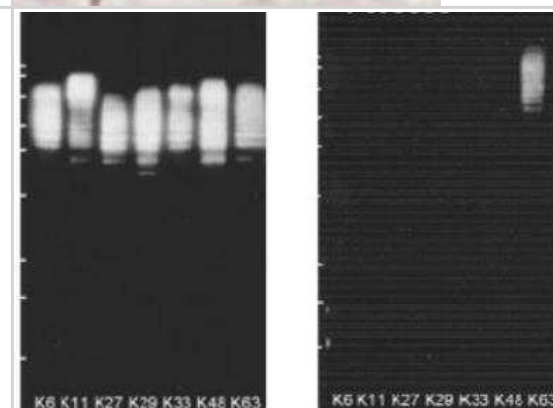
Western Blot: Poly-Ubiquitin Antibody (HWA4C4) [NBP2-89085] - Western blot of HeLa S100 Fraction (5ug) probed with MAb to Polyubiquitin (K63-linkage-specific) (HWA4C4) (Lane A) and MAb to Polyubiquitinated Conjugates (FK1) (Lane B) at 1:1000 dilution.



Immunohistochemistry-Paraffin: Poly-Ubiquitin Antibody (HWA4C4) [NBP2-89085] - Formalin-fixed paraffin-embedded sections of hippocampus from human Alzheimer's disease brain stained with MAb to Polyubiquitin (K63-linkage-specific) (HWA4C4) at 1:100 dilution with biotinylated secondary antibody and DAB detection.



Western Blot: Poly-Ubiquitin Antibody (HWA4C4) [NBP2-89085] - Western blot of single isopeptide-linkage polyubiquitinated conjugates K6, K11, K27, K29, K33, K48, K63, 1ug each, using MAb to Polyubiquitinated Conjugates (FK1) and MAb to Polyubiquitin (K63-linkage-specific) (HWA4C4) at 1:1000 dilution.





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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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