

# Product Datasheet

## MDM2/HDM2 Antibody (SMP14) [Janelia Fluor® 646] NB100-2736JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-2736JF646**

MDM2/HDM2 Antibody (SMP14) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SMP14
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 646
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	4193
Gene Symbol	MDM2
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 15625077). Mouse reactivity reported in scientific literature (PMID: 25981963).
Specificity/Sensitivity	The SMP14 monoclonal antibody also recognises a peptide epitope around Thr-216 of murine MDM2 (when Thr-216 is unphosphorylated) see Zhang & Prives, 2001 (PMID: 11359766) for further details. SMP14 also cross reacts with some cytokeratins (6, 14 & 16). This is only a problem when working with certain epithelial cells and not fibroblasts.
Immunogen	Synthetic peptide C-SRPSTSSRRRAISE, corresponding to amino acids 154-167 of human MDM2/HDM2. [UniProt# Q00987]
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-2736JF646**

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DYC1244-2	MDM2/HDM2 [Biotin]
NB600-302	c-Myc Antibody (9E10) - BSA Free
NB200-103	p53 Antibody (PAb 240) - BSA Free
AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific

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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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