

MDM4 / MDMX Antibody (clone 4G5)
Mouse Monoclonal Antibody
Catalog # ALS15925**Specification**

MDM4 / MDMX Antibody (clone 4G5) - Product Information

Application	WB, IF, IHC
Primary Accession	O15151
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	55kDa KDa

MDM4 / MDMX Antibody (clone 4G5) - Additional Information**Gene ID** 4194**Other Names**

Protein Mdm4, Double minute 4 protein, Mdm2-like p53-binding protein, Protein Mdmx, p53-binding protein Mdm4, MDM4, MDMX

Target/Specificity

Human MDM4 / MDMX

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

MDM4 / MDMX Antibody (clone 4G5) is for research use only and not for use in diagnostic or therapeutic procedures.

MDM4 / MDMX Antibody (clone 4G5) - Protein Information**Name** MDM4**Synonyms** MDMX**Function**

Along with MDM2, contributes to TP53 regulation (PubMed:32300648). Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.

Cellular Location

Nucleus.

Tissue Location

Expressed in all tissues tested with high levels in thymus

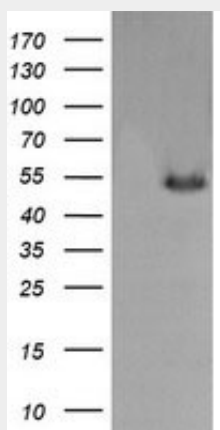
Volume

50 µl

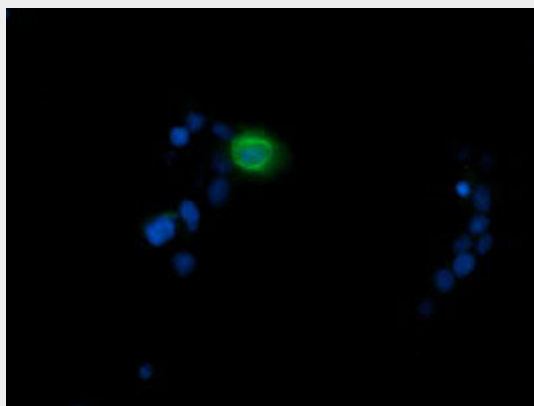
MDM4 / MDMX Antibody (clone 4G5) - Protocols

Provided below are standard protocols that you may find useful for product applications.

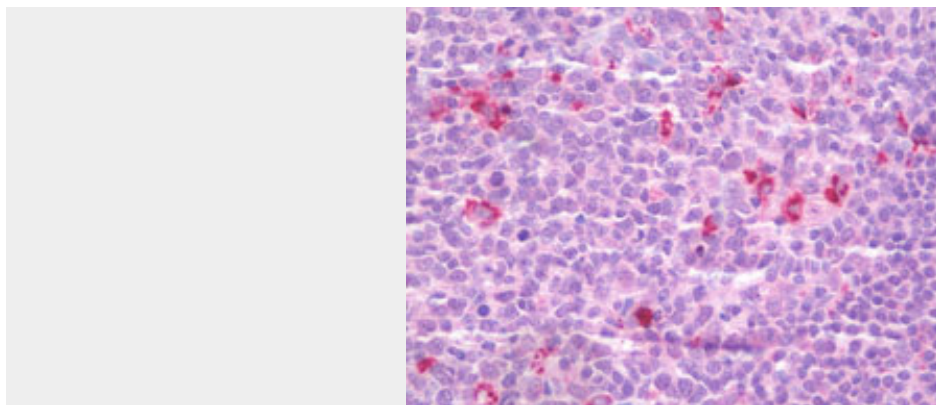
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MDM4 / MDMX Antibody (clone 4G5) - Images

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MDM4...



Anti-MDM4 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



Anti-MDM4 / MDMX antibody IHC staining of human tonsil.

MDM4 / MDMX Antibody (clone 4G5) - Background

Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.

MDM4 / MDMX Antibody (clone 4G5) - References

- Shvarts A.,et al.Genomics 43:34-42(1997).
- Giglio S.,et al.Cancer Res. 65:9687-9694(2005).
- Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
- Gregory S.G.,et al.Nature 441:315-321(2006).
- Rallapalli R.,et al.J. Cell. Biochem. 89:563-575(2003).