

MDM4 / MDMX Antibody (clone 2D10F4)
Mouse Monoclonal Antibody
Catalog # ALS13152**Specification**

MDM4 / MDMX Antibody (clone 2D10F4) - Product Information

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

MDM4 / MDMX Antibody (clone 2D10F4) - 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

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

MDM4 / MDMX Antibody (clone 2D10F4) is for research use only and not for use in diagnostic or therapeutic procedures.

MDM4 / MDMX Antibody (clone 2D10F4) - 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

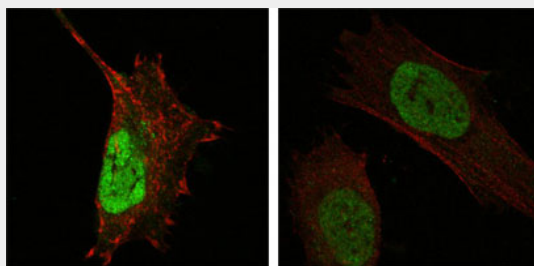
Volume
50 µl

MDM4 / MDMX Antibody (clone 2D10F4) - Protocols

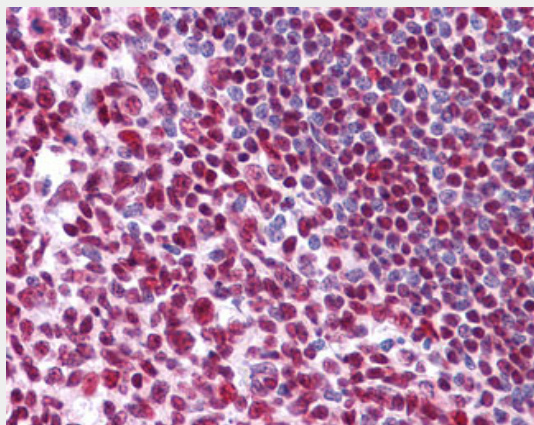
Provided below are standard protocols that you may find useful for product applications.

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

MDM4 / MDMX Antibody (clone 2D10F4) - Images



Confocal immunofluorescence of HeLa (left) and L-02 (right) cells using MDM4 mouse monoclonal...



Anti-MDM4 / MDMX antibody IHC of human tonsil.

MDM4 / MDMX Antibody (clone 2D10F4) - 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 2D10F4) - 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).