MDM2 (ZR258)
Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human MDM2 protein fragment
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: MDM2 (ZR258) Rabbit Monoclonal primary antibody detects MDM2 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain MDM2 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: MDM2 is a nuclear phosphoprotein that binds and inhibits transactivation by tumor protein p53. It can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. Overexpression of MDM2 can result in excessive inactivation of tumor protein p53, diminishing its tumor suppressor function. This protein also affects the cell cycle, apoptosis, and tumorigenesis through interactions with other proteins, including retinoblastoma 1 and ribosomal protein L5. Overexpression of MDM2 protein is detected in a variety of cancers.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:
1. Jullié ML, et al. Am J Surg Pathol. 2013; 37:1845-54.
2. Yoshida A, et al. Am J Surg Pathol. 2012; 36:423-31.
3. Thway K, et al. Am J Surg Pathol. 2012 36:462-9.

REF   **Z2572RL/ Z2572RS/ Z2572RT/ Z2572RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)**

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RUO
(research
use only)

LOT
(lot number)

REF
(catalogue
number)

(expiry date)

(temperature
limit)

(consult
Instructions
for Use)