

Rabbit Anti-RRM1 [EP242]: RM0171

Intended Use: For Research Use Only

Description: Ribonucleoside-diphosphate reductase large subunit (RRM1) is one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. Studies have shown that RRM1 controls cell proliferation through deoxynucleotide production and metastatic propensity through PTEN induction. RRM1 expression is significantly correlated with the expression of ERCC1 and PTEN in non-small-cell lung cancer (NSCLC). Tumors with high expression of RRM1 showed slow progression.

Specifications

Clone: EP242
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN3)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
RRM1 Concentrated	RM0171	1 ml

IHC Procedure*

Positive Control Tissue: Tonsil
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.