

Anti-DNA Ligase 1 [1A9]

Catalogue number: 151221

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-DNA Ligase 1 [1A9]

Alternate name:

CancerTools.org

Class: Monoclonal

Conjugate: Unconjugated

Description: DNA ligase 1 is involved in DNA replication and the nucleotide excision repair pathway.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Bovine

Selectivity:

Host: Mouse

Immunogen: Bovine DNA Ligase

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: DNA Ligase 1

Target alternate names:

Target background: DNA ligase 1 is involved in DNA replication and the nucleotide excision repair pathway.

Molecular weight:

Ic50:

Applications

Application: ELISA ; WB

Application notes:

Handling

Format: Liquid

Concentration:

0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Weng et al. 2012. Basic Clin Pharmacol Toxicol. 110(3):298-306. PMID: 21973306. ; Enhancement of mitomycin C-induced cytotoxicity by curcumin results from down-regulation of MKK1/2-ERK1/2-mediated thymidine phosphorylase expression. ; Ko et al. 2011. J Pharmacol Exp Ther. 338(1):184-94. PMID: 21444628. ; Up-regulation of extracellular signal-regulated kinase 1/2-dependent thymidylate synthase and thymidine phosphorylase contributes to cisplatin resistance in human non-small-cell lung cancer cells. ; Giatromanolaki et al. 2003. J Pathol. 200(2):222-8. PMID: 12754744. ; DEC1 (STRA13) protein expression relates to hypoxia-inducible factor 1-alpha and carbonic anhydrase-9 overexpression in non-small cell lung cancer. ; Fox et al. 1997. Ann Oncol. 8(3):271-5. PMID: 9137797. ; Relationship of elevated tumour thymidine phosphorylase in node-positive breast carcinomas to the effects of adjuvant CMF. ; Fox et al. 1995. J Pathol. 176(2):183-90. PMID: 7636628. ; Platelet-derived endothelial cell growth factor/thymidine phosphorylase expression in normal tissues: an immunohistochemical study. ; Moghaddam et al. 1995. Proc Natl Acad Sci U S A. 92(4):998-1002. PMID: 7532308. ; Thymidine phosphorylase is angiogenic and promotes tumor growth.