

Anti-DCK(deoxycytidine kinase) Polyclonal Antibody

Cat. #: 60B209

Description:

Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human DCK (deoxycytidine kinase)

References

Krawiec,K., et al, Biochem. Biophys. Res. Commun. 301 (1), 192-197 (2003)
Innoceta,A., et al, Mol. Cell. Biochem. 231 (1-2), 173-177 (2002)
Veuger,M.J., et al, Blood 99 (4), 1373-1380 (2002)
Johansson,M., et al, Proc. Natl. Acad. Sci. U.S.A. 94 (22), 11941-11945 (1997)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)