



Rabbit Anti-PNU-159682 polyclonal antibody (CABT-L3110)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-PNU-159682 pAb
Target	PNU-159682
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Antibody was produced by ascites and then isolated via Protein A/G chromatography
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µl, 500 µl
Buffer	PBS
Preservative	0.02% Sodium Azide
Storage	For short term storage, store at 4°C up to 6 months from date of opening or thawing. Long time storage is recommended at -20°C. Avoid repeated freeze-thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction PNU-159682 is a major bioactive metabolite of Nemorubicin in human liver microsomes;> 3,000-fold cytotoxic than its parent compound(MMDX and doxorubicin). PNU-159682 inhibits a panel of human tumor cell lines with IC70 values in the range of 0.07- 0.58 nM, and is 2,360- to 790-fold and 6,420- to 2,100-fold more potent than MMDX and doxorubicin, respectively. PNU-159682 (100 μM) weakly inhibits topoisomerase II unknotting activity. PNU-159682 (10 μM)-DNA adducts contain one or two drug molecules bound to double-stranded DNA. PNU-159682 shows cytotoxic effect on CAIX-expressing SKRC-52 cells with IC50 of 25 nM.

Keywords PNU159682;PNU 159682

GENE INFORMATION

Official Symbol PNU-159682