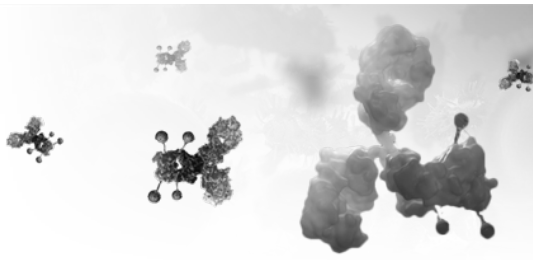

Mouse Anti-PNU-159682 monoclonal antibody, clone G8G3 (CABT-L3111)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-PNU-159682 mAb
Target	PNU-159682
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	G8G3
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.

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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

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