



# Mouse Anti-PBD SG3199 monoclonal antibody, clone 8I7I0B7 (CABT-L3117)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti-PBD SG3199 mAb
<b>Target</b>	PBD SG3199
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	8I7I0B7
<b>Purification</b>	Antibody was produced by ascites and then isolated via Protein A/G chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µl, 500 µl
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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

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## BACKGROUND

### Introduction

The pyrrolobenzodiazepines (PBDs) are a family of antitumor antibiotics which include the naturally occurring anthramycin, sibiromycin, tomaymycin, the neothramycins and DC-81. Synthetic pyrrolobenzodiazepine (PBD) dimers, where two PBD monomers are linked through their aromatic A-ring phenolic C8-positions via a flexible propyldioxy tether, are highly efficient DNA minor groove cross-linking agents with potent cytotoxicity.

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### Keywords

Pyrrolobenzodiazepine;PDB;PBD dimer SG3199;PBD SG3199;PBD dimer cytotoxin SG3199

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## GENE INFORMATION

### Official Symbol

Pyrrolobenzodiazepine

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