



Mouse Anti-D-serine monoclonal antibody, clone 7B52H2 (CABT-L4618)

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

PRODUCT INFORMATION

Specificity	The antibody recognizes the conjugated form of the small molecule, not the free form
Target	Conjugated D-Serine
Immunogen	Synthetic D-Serine-bovine serum albumin (BSA)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	7B52H2
Purification	Monoclonal antibody was preadsorbed on protein carriers and purified by ammonium sulfate precipitation
Conjugate	Unconjugated
Applications	ELISA, IHC. Optimal dilutions should be determined by each laboratory for each application. Recommended dilution: ELISA: 1/2000 – 1/10000; IHC: 1/1000 – 1/5000
Reconstitution	Reconstitution with 50% of distilled water and 50% of glycerol
Format	Lyophilized
Size	100 µg
Preservative	None
Storage	Lyophilized vial must be stored at 4°C in a dry area up to 2 years after receipt.

BACKGROUND

Introduction

Serine (abbreviated as Ser or S) is an amino acid with the formula $\text{HO}_2\text{CCH}(\text{NH}_2)\text{CH}_2\text{OH}$. It is one of the proteinogenic amino acids. By virtue of the hydroxyl group, serine is classified as a polar amino acid

Keywords

D-Serine; Serine; β -Hydroxyalanine; D-Serin; (R)-Serine ; D-2-Amino-3-Hydroxypropionic
