



Anti-SPR monoclonal antibody, clone 4B0 (CABT-ZC1298)

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

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal Antibody to Human SPR molecule
Antigen Description	SPR encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiaterin reductase deficiency. A pseudogene has been identified on chromosome 1.
Target	SPR
Immunogen	Full length human recombinant protein of human SPR produced in HEK293T cell.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4B0
Conjugate	Unconjugated
Applications	ELISA, LMNX
Buffer	Stored in PBS (pH 7.4) containing 0.05% sodium azide and up to 5% trehalose.
Preservative	0.05% Sodium Azide
Storage	Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

GENE INFORMATION

Entrez Gene ID [6697](#)

UniProt ID [P35270](#)
