



[Go to Product page](#)

Datasheet for ABIN1842584
anti-CBP Tag antibody

1 Publication

Overview

Quantity:	100 µg
Target:	CBP Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBP Tag antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	CBP tag peptide conjugated to KLH
Sequence:	KRRWKKNFIA VSAA
Clone:	1D11E5
Isotype:	IgG2b kappa
Specificity:	CBP Tag Antibody, mAb, Mouse recognizes CBP-tagged proteins.
Characteristics:	CBP Tag Antibody, mAb, Mouse is produced from the hybridoma resulting from fusion of SP2/0-Ag14 myeloma and B-lymphocytes harvested from mouse immunized with CBP tag peptide conjugated to KLH.
Purification:	Protein A affinity column

Target Details

Target:	CBP Tag
Abstract:	CBP Tag Products
Target Type:	Tag
Background:	CBP affinity tag is a useful tag in protein study which can be added to the N or C terminus of proteins of interest through DNA recombinant technology. The tag is derived from muscle myosin light-chain kinase. The tag comprises 26 amino acid residues with the molecular weight of 4 kDa and sequence of KRRWKKNFIAVSAANRFKISSSGAL. CBP tag has the relatively high affinity for calmodulin (CaM). CBP-tagged proteins can be purified from crude cell extracts through CaM affinity resin. CBP Tag antibody is a useful tool in analysis of CBP-tagged proteins

Application Details

Application Notes:	<p>Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.</p> <p>Western blot: 1 µg/mL. Immunoprecipitation: 1-5 µg/mL. ELISA: 0.001-0.002 µg/mL.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final antibody concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	lyophilized with PBS, pH 7.4, containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or

Handling

eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below.

Publications

Product cited in: Li, Liu, Zhang, Issaian, Hill, Espinosa, Shi, Cui, Kappel, Das, Hansen, Zhou, Zhao: "A unified mechanism for intron and exon definition and back-splicing." in: **Nature**, Vol. 573, Issue 7774, pp. 375-380, (2020) ([PubMed](#)).