

Technical Data Sheet

Product

Anti-PKAc Purified

Cat. Number/Size

11-523-C025

0.025 mg

11-523-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	PKAc
Clone	6D2.1
Format	Purified
Reactivity	Human
Application	WB
Application details	Western blotting: Recommended dilution: 1 µg/ml; positive control: HeLa human cervix carcinoma cell line. To detect PKAc gamma, use a more concentrated lysate from a tissue expressing this subunit (testis).
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody 6D2.1 strongly reacts with human proteinkinase A (an intracellular antigen) catalytic (PKAc) alpha subunit, and weakly with PKAc gamma subunit (both around 40 kDa). The recognized epitope of PKAc alpha is identical between man, sheep, pig, ox and dog.
Other names	PKACA, PPNAD4, PRKACA, Proteinkinase Ac
Immunogen	Peptide corresponding to amino acids ESPAQNTAHLDQFERIK of human proteinkinase A c alpha (PKAc alpha).
Entrez Gene ID	5566
Gene name	PRKACA
NCBI Full Gene Name	protein kinase cAMP-activated catalytic subunit al
UniProt ID	P17612

Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References www.exbio.cz

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