



	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 ESPAQNTAHL DQFERIK 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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