



## Phospho-ERK 1/2 (Y222/205)mouse mAb(4G3) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A19783	Mouse	1 mg/ml	44,42 kD
Applications	WB,IHC		
Reactivity	Human		
Dilution	WB 1:1000-2000, IHC 1:100-200		
Storage	-20°C/1 year		
Specificity	Phospho-Akt (S473) protein detects endogenous levels of AKT1		
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
Immunogen	Synthetic Peptide of Phospho-Akt (S473) at AA range of 410-490		
Uniprot No	P31749		
Alternative names	AKT1		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Monoclonal		
Isotype			
Conjugation			
Background	AKT serine/threonine kinase 1(AKT1) Homo sapiens The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-deriv		
Other	Gene_name: AKT1 ; Protein_name: AKT1; Expression: Epithelium, Eye, Foreskin, Muscle, Ovary, Placenta,		

### Product Images

#### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

#### Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster



X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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