

Mouse Monoclonal Antibody to

PKG substrate phosphopeptide

clone 7H1

Order No.: **0055-100/PKGSUB-7H1**
 Size (µg) 100
 Lot No.: 0055S



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02/060307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgG1		peptide ELISA			... R - K - V - pS - K ...	phosphopeptide conjugated to KLH

Background and Specificity:

Monoclonal antibody raised against the ... R - K - V - pS - K ... sequence of PKG substrates. The antibody is recommended for use in non-radioactive quantification of phosphopeptides in kinase/phosphatase assays.

DO NOT USE MILK OR CASEIN FOR BLOCKING AND DILUTION! REPLACE BY BSA!

Purification: The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.

Formulation: lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and Sucrose.

Reconstitution: Reconstitute with 1 ml H₂O (15 min, RT).

Stability: For long-term storage, freeze lyophilizate upon arrival (-20°C). Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.

Avoid repeated freeze / thaw cycles.

Related Products

Positive Control: none
Immunoblotting: ND

Immunoprecipitation: ND
Immunocytochemistry: ND
ELISA: use at 0.1 - 1.0 µg/ml

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.