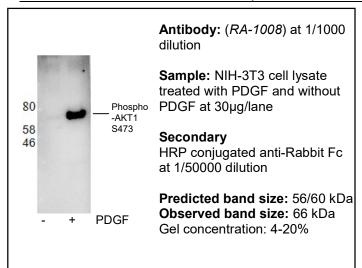
Recombinant Rabbit Anti-phospho-AKT1 (S473) Antibody Cat. No: RA-1008

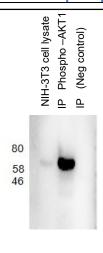


PRODUCT INFOMATION

Draduat Nama	Decembinant Debbit Managland Antibody for Dheenbarylated AVT1 on C472
Product Name	Recombinant Rabbit Monoclonal Antibody for Phosphorylated AKT1 on S473
Gene ID	207
UniProt ID	P31749
Target	Human AKT1 Phosphorylated on S473
Immunogen	Synthetic peptides derived from human AKT1 (RPHFPQFsYSASGTA)
Species Reactivity	Human and mouse (also recommended for detection of phosphor-AKT1 in sheep & zebrafish)
Туре	Recombinant Monoclonal Rabbit IgG / light chain kappa
Clone	H4
Expression Host	HEK293F
Purification	Protein A purified
Affinity	0.02 x 10 ⁻⁹ M
Modification	None
Applications	WB, IP dilution (1:1000 – 1: 5000). Immunoprecipitation. Optimal dilutions /concentrations
	should be determined by the end user
Format	49% PBS, 50% Glycerol, 0.05% BSA, pH 7.2, 0.02% NaN ₃
Storage	Store at 4°C for up to 6 months. Store at -20°C long term.

DATA (Western blot and immunoprecipitation)





Antibody: (*RA-1008*) at 1/1000 dilution

Sample: Lane 1: 1µg of PDGF treated NIH-3T3 cell lysate .Lane2: 500µg of PDGF treated NIH-3T3 cell lysate were incubated with anti-phosop-AKT1 antibody coupled to magnetic beads, Lane3: (Negative control) 500μg of PDGF treated NIH-3T3 cell lysate were incubated with negative control antibody coupled magnetic beads

Secondary

HRP conjugated anti-Rabbit Fc at

1/50000 dilution

Predicted band size: 56/66 kDa Observed band size: 66 kDa Gel concentration: 4-20%

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