German Research Products - GRP GmbH

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Product Datasheet

PI3 kinase p85 alpha + gamma (Tyr467 + Tyr199) antibody GRP511

Description Binds to activated (phosphorylated) protein-Tyr kinases, through

its SH2 domain, and acts as an adapter, mediating the

association of the p11 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. Plays an important role in signaling in response to FGFR1, FGFR2, FGFR3, FGFR4, KITLG/SCF, KIT, PDGFRA and PDGFRB. Likewise, plays a

role in ITGB2 signaling.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications FC, IHC-P, WB

Immunogen KLH conjugated synthetic phosphopeptide derived from human

PI3K around the phosphorylation site of p85 alphaTyr467

(public_immunogen_range: 176-212/461)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

Note For research use only.

Isotype IgG

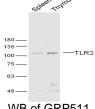
Clonality Polyclonal

Purity Purified by Protein A.

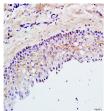
Uniprot ID P27986

Entrez 5295

Dilution Range WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400



WB of GRP511



IHC-P of GRP511