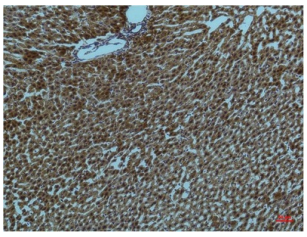
PI3-Kinase p85 alpha (1C8) Mouse mAb

db6611 **Package : 50μL 100μL**

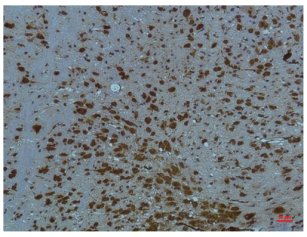
Product Name : PI3-Kinase p85 alpha (1C8) Mouse mAb
Cat.No.: db6611
Synonyms : GRB1; p85 alpha; PI3K; PIK3R1
Application : WB, IHC-P
Reactivity : Human, Mouse, Rat
Host species : Mouse

Background	Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 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 (PubMed/17626883, PubMed/19805105, PubMed/7518429). Modulates the cellular response to ER stress by promoting nuclear translocation of XBP1 isoform 2 in a ER stress- and/or insulin-dependent manner during metabolic overloading in the liver and hence plays a role in glucose tolerance improvement (PubMed/20348923).
Immunogen	Purified recombinant protein expressed in E.coli
Gene ID	5295
Swiss Prot	P27986
Synonyms	GRB1; p85 alpha; PI3K; PIK3R1
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100
Calculated MW	84 kDa
Observed MW	84 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	1C8-2H4-9D9

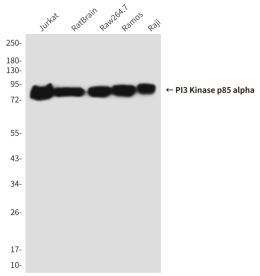
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



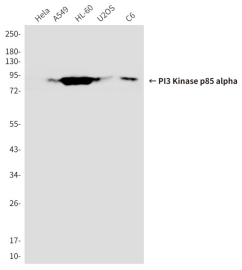
Immunohistochemistry analysis of paraffin-embedded rat Liver Tissue using PI3 Kinase p85 alpha (1C8) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using PI3 Kinase p85 alpha (1C8) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of PI3 Kinase p85 alpha (1C8) in Jurkat, rat Brain, Raw264.7, Ramos, Raji lysates using PI3 Kinase p85 alpha (1C8) antibody



Western blot analysis of PI3 Kinase p85 alpha (1C8) in Hela, A549, HL-60, U2OS, C6 lysates using PI3 Kinase p85 alpha (1C8) antibody.