Recombinant DGRmAb®

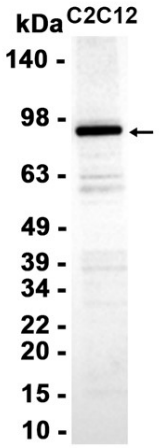
SMURF 2 (DGR13586) Rabbit mAb

db15537 **Package : 10μL 20μL 50μL 100μL**

Product Name : SMURF 2 (DGR13586) Rabbit mAb
Cat.No.: db15537
Synonyms : SMURF2
Application : WB
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Interacts with SMAD1 and SMAD7 in order to trigger their ubiquitination and proteasome-dependent degradation. In addition, interaction with SMAD7 activates autocatalytic degradation, which is prevented by interaction with SCYE1. Forms a stable complex with the TGF-beta receptor-mediated phosphorylated SMAD2 and SMAD3. In this way, SMAD2 may recruit substrates, such as SNON, for ubiquitin-mediated degradation. Enhances the inhibitory activity of SMAD7 and reduces the transcriptional activity of SMAD2. Coexpression of SMURF2 with SMAD1 results in considerable decrease in steady-state level of SMAD1 protein and a smaller decrease of SMAD2 level.
Immunogen	A synthetic peptide of human SMURF 2
Gene ID	64750
Swiss Prot	Q9HAU4
Synonyms	SMURF2
Reactivity	Human,Mouse,Rat
Application	WB
Recommended dilution	WB: 1:1000
Calculated MW	86 kDa
Observed MW	86 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13586

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from C2C12 cells using db15537 at 1:1000.