Recombinant DGRmAb®

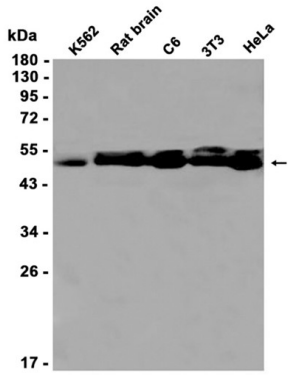
TSG101 (DGR32261) Rabbit mAb (PBS Only)

db11472-PBS **Package : 10μg 100μg**

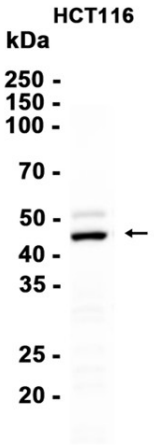
Product Name : TSG101 (DGR32261) Rabbit mAb (PBS Only)
Cat.No.: db11472-PBS
Synonyms : TSG10; VPS23
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human TSG101
Gene ID	7251
Swiss Prot	Q99816
Synonyms	TSG10; VPS23
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Calculated MW	44 kDa
Observed MW	44 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32261
Isotype	IgG
Purity	Affinity Purification

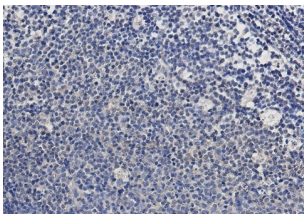
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



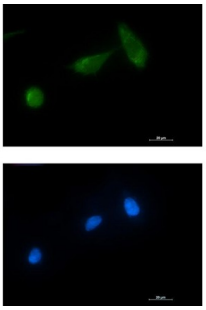
Western blot analysis of extracts from K562, C6, 3T3, HeLa cells, and Rat brain tissue using db11472 at 1:1000.



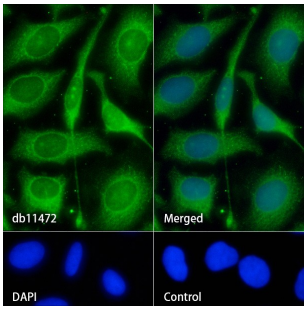
Western blot analysis of extracts from HCT116 cells using db11472 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using db11472 antibody.



Immunofluorescent analysis of HT-1080 cells using db11472 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling TSG101 with db11472.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11472 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.