

Recombinant

DGRmAb®

SFT (DGR32561) Rabbit mAb

db11149

Package : 10µL 20µL 50µL 100µL

Product Name : SFT (DGR32561) Rabbit mAb**Cat.No.:** db11149**Synonyms** : SFT; UBC5; UBC4/5; UBC5A; E2(17)KB1**Application** : WB, IHC-P, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]

Immunogen

A synthetic peptide of human SFT

Gene ID

7321

Swiss Prot

P51668

Synonyms

SFT; UBC5; UBC4/5; UBC5A; E2(17)KB1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:50-1:100

FC: 1:10-1:100

IP: 1:10-1:100

Calculated MW

17 kDa

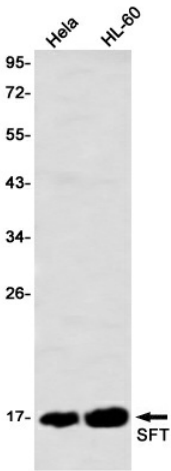
Observed MW

17 kDa

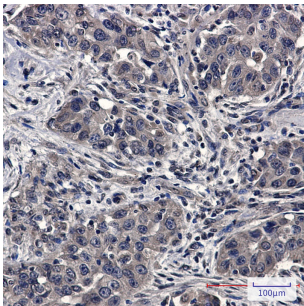
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR32561
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 detection of SFT in HeLa,HL-60 using SFT antibody(1:1000 diluted)



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11149 antibody.