

Product Datasheet

Anti-SET Monoclonal Antibody (orb547976)

Catalog Number	orb547976
Description	Anti-SET Monoclonal Antibody. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, ICC, IF, IHC, IP, WB
Immunogen	A synthesized peptide derived from human SET Multitasking protein, involved in apoptosis, transcription, nucleosome assembly and histone binding. Isoform 2 anti-apoptotic activity is mediated by inhibition of the GZMA-activated DNase, NME1.
Form/Appearance	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	WB 1:1000-1:5000IHC 1:50-1:200ICC/IF 1:100-1:500IP 1:30FC 1:20. Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone Number	AEE0-19

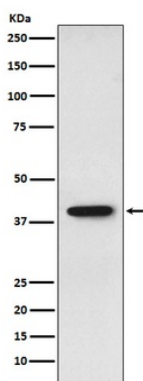
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Antibody Type	Primary Antibody
MW	80 kDa
Uniprot ID	Q01105
Expiration Date	12 months from date of receipt.



Western blot analysis of SET expression in HepG2 cell lysate using anti-SET antibody (orb547976). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SET antigen affinity purified polyclonal antibody (Catalog # orb547976) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # orb90444) with Tanon 5200 system. A specific band was detected for SET.

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