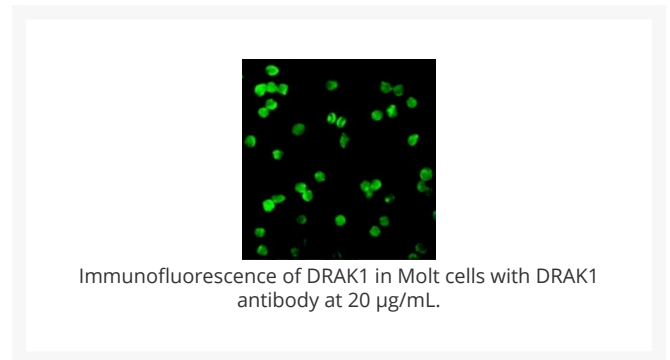
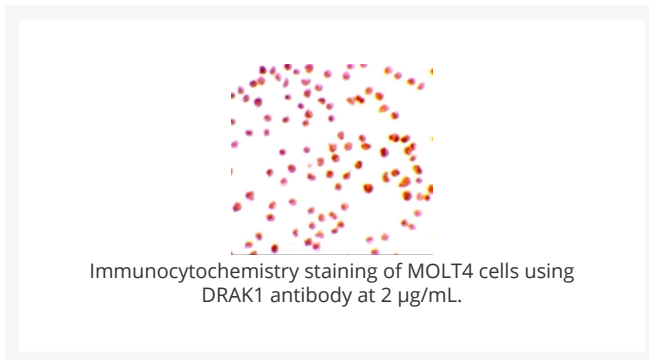
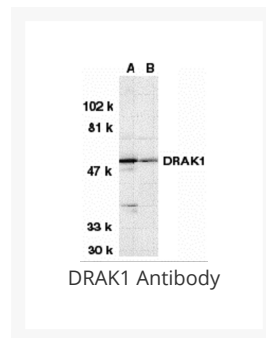




DRAK1 Antibody

Cat. No.: 2147



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human
HOMOLOGY:	Predicted species reactivity based on immunogen sequence: Rabbit: (73%)
IMMUNOGEN:	DRAK1 antibody was raised against a peptide corresponding to amino acids near the amino terminus of human DRAK1. The immunogen is located within the first 50 amino acids of DRAK1.
TESTED APPLICATIONS:	ELISA, ICC, IF, WB

APPLICATIONS:	<p>DRAK1 antibody can be used for detection of DRAK1 by Western blot at 1 µg/mL. An approximately 50 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 2 µg/mL. For immunofluorescence start at 10 µg/mL.</p> <p>Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
SPECIFICITY:	No cross responses to DRAK2, DAP or ZIP kinases.
POSITIVE CONTROL:	<p>1) Cat. No. 1202 - A431 Cell Lysate</p> <p>2) Cat. No. 1206 - MOLT4 Cell Lysate</p> <p>3) Cat. No. 17-006 - MOLT-4 Cell Slide</p>
PREDICTED MOLECULAR WEIGHT:	50 kDa

Ψ Properties

PURIFICATION:	DRAK1 Antibody is affinity chromatography purified via peptide column.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	DRAK1 Antibody is supplied in PBS containing 0.02% sodium azide.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	DRAK1 antibody can be stored at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Ψ Additional Info

OFFICIAL SYMBOL:	STK17A
ALTERNATE NAMES:	DRAK1 Antibody: DRAK1, DRAK1, DAP kinase-related apoptosis-inducing protein kinase 1
ACCESSION NO.:	Q9UEE5
PROTEIN GI NO.:	14423930
GENE ID:	9263
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	<p>DRAK1 Antibody: Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK-1 and RIP, are mediators of apoptosis. Two novel serine/threonine kinases that induce apoptosis were recently identified and designated DRAK1 and DRAK2 for DAP kinase-related apoptosis-inducing protein kinases. DRAKs contain an N-terminal kinase domain and a C-terminal regulation domain. Overexpression of DRAK1 induces apoptosis. DRAKs have high sequence homology to DAP and ZIP kinases, and they represent a novel family of serine/threonine kinases, which mediates apoptosis through their catalytic activities. DRAK1 is located in nucleus and the messenger RNA was ubiquitously expressed in human tissues.</p>
REFERENCES:	<p>1) Sanjo H, Kawai T, Akira S. DRAKs, novel serine/threonine kinases related to death-associated protein kinase that trigger apoptosis. J Biol Chem 1998;273:29066-71</p>

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