ICAD Rabbit pAb

db21899 **Package : 20μL 50μL 100μL**

Product Name : ICAD Rabbit pAb
Cat.No.: db21899
Synonyms : DFF1; ICAD; DFF-45
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human ICAD
Gene ID	1676
Swiss Prot	O00273
Synonyms	DFF1; ICAD; DFF-45
Reactivity	Human
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC: 1:100-1:500 ICC/IF: 1:50 FC: 1:20 IP: 1:20
Calculated MW	37 kDa
Observed MW	45 kDa
Host species	Rabbit

Clonality	Polyclonal
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.