







ICAD (DGR33010) Rabbit mAb

db13280 Package: 10µL 20µL 50µL 100µL

Product Name: ICAD (DGR33010) Rabbit mAb

Cat.No.: db13280

Synonyms: DFF1; ICAD; DFF-45 Application: WB, IHC-P, ICC/IF

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-P, ICC/IF

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:200-1:1000

ICC/IF: 1:200-1:500

Calculated MW 37 kDa

Observed MW 45 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR33010

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 analysis of extracts from HeLa cells using db13280 at 1:1000.

