Recombinant DGRmAb®

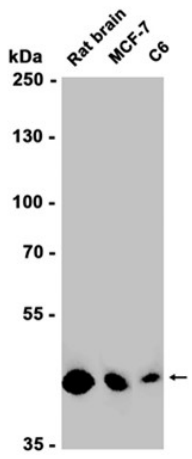
# ICAD (DGR13646) Rabbit mAb

**db13371** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** ICAD (DGR13646) Rabbit mAb
**Cat.No.:** db13371
**Synonyms :** DFF1; ICAD; DFF-45
**Application :** WB
**Reactivity :** Human,Mouse,Rat
**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,Mouse,Rat |
| **Application** | WB |
| **Recommended dilution** | WB: 1:2000-1:20000 |
| **Calculated MW** | 37 kDa |
| **Observed MW** | 45 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR13646 |

| | |
|---|---|
| **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 MCF-7, C6 cells and Rat brain tissue using db13371 at 1:1000.