Recombinant DGRmAb®

# Beclin 1 (DGR13564) Rabbit mAb

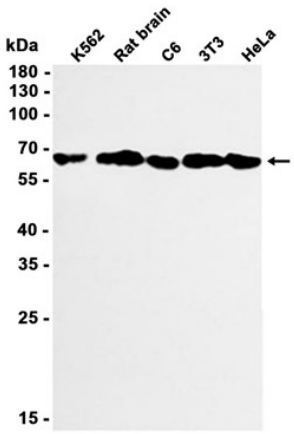
**db13401** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Beclin 1 (DGR13564) Rabbit mAb
**Cat.No.:** db13401
**Synonyms :** ATG6; VPS30; beclin1
**Application :** WB, IP
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015] |
| **Immunogen** | Recombinant protein of human Beclin 1 |
| **Gene ID** | 8678, 56208, 114558 |
| **Swiss Prot** | Q14457, O88597, Q91XJ1 |
| **Synonyms** | ATG6; VPS30; beclin1 |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IP |
| **Recommended dilution** | WB: 1:1000<br>IP: 1:20-1:50 |
| **Calculated MW** | 52 kDa |
| **Observed MW** | 52 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR13564 |
| **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 K562, C6, 3T3, HeLa cells and Rat brain tissue using db13401 at 1:1000.