Recombinant DGRmAb®

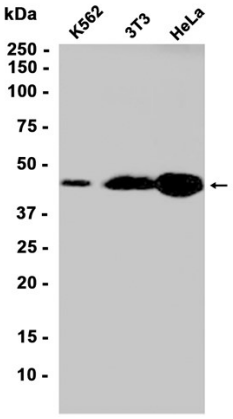
# IKB beta (DGR19895) Rabbit mAb (PBS Only)

**db11257-PBS** **Package : 10μg 100μg**

**Product Name :** IKB beta (DGR19895) Rabbit mAb (PBS Only)
**Cat.No.:** db11257-PBS
**Synonyms :** IKBB; TRIP9
**Application :** WB, IHC-P, ICC/IF, FC, IP
**Reactivity :** Human
**Host species :** Rabbit

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|---|---|
| **Background** | The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2011] |
| **Immunogen** | A synthetic peptide of human IKB beta |
| **Gene ID** | 4793 |
| **Swiss Prot** | Q15653 |
| **Synonyms** | IKBB; TRIP9 |
| **Reactivity** | Human |
| **Application** | WB, IHC-P, ICC/IF, FC, IP |
| **Calculated MW** | 38 kDa |
| **Observed MW** | 48 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR19895 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |

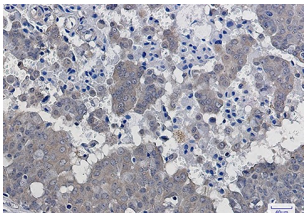
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|---|---|
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



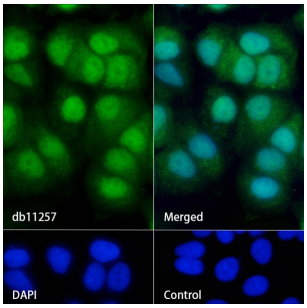

Western blot analysis of extracts from K562, 3T3, HeLa cells using db11257 at 1:1000.




Western blot analysis of extracts from HCT116 cells using db11257 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11257 antibody.




Immunofluorescence analysis of MCF-7 cells labelling IKB beta with db11257.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11257 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.