Recombinant DGRmAb®

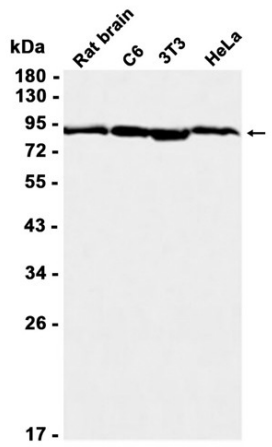
# Hsp90 (DGR12120) Rabbit mAb

**db11017** **Package : 10μL 20μL 50μL 100μL**

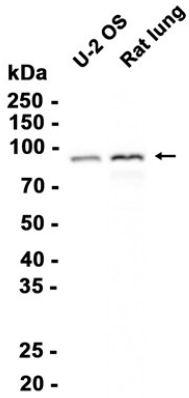
**Product Name :** Hsp90 (DGR12120) Rabbit mAb
**Cat.No.:** db11017
**Synonyms :** HSP84; HSPC2; HSPCB; D6S182; HSP90B
**Application :** WB, IHC-P, ICC/IF, FC, IP
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012] |
| **Immunogen** | Recombinant protein of human Hsp90 beta |
| **Gene ID** | 3326 |
| **Swiss Prot** | P08238 |
| **Synonyms** | HSP84; HSPC2; HSPCB; D6S182; HSP90B |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, ICC/IF, FC, IP |
| **Recommended dilution** | WB: 1:1000-1:5000<br>IHC-P: 1:200-1:1000<br>ICC/IF: 1:100-1:200<br>FC: 1:200-1:500<br>IP: 1:100 |
| **Calculated MW** | 85,83 kDa |
| **Observed MW** | 90 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR12120 |

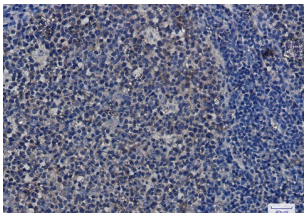
| | |
|---|---|
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



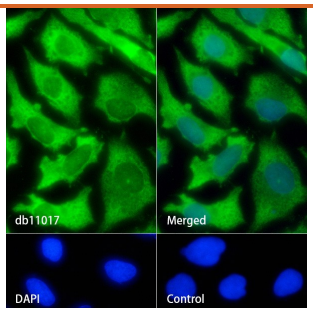

Western blot analysis of extracts from C6, 3T3, HeLa cells, and Rat brain tissue using db11017 at 1:1000.




Western blot analysis of extracts from U-2 OS cells and Rat lung tissue using db11017 at 1:6000.



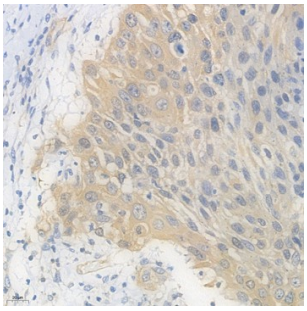
Immunohistochemical analysis of paraffin-embedded human tonsil using db11017 antibody.



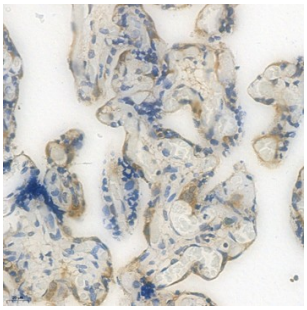

Immunofluorescence analysis of HeLa cells labelling Hsp90 with db11017.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db11017 (1:100) 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.

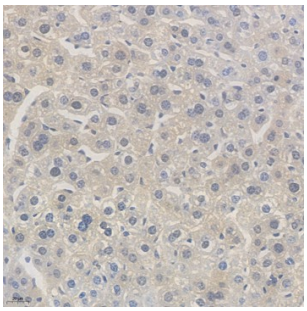
Control: Secondary antibody only.



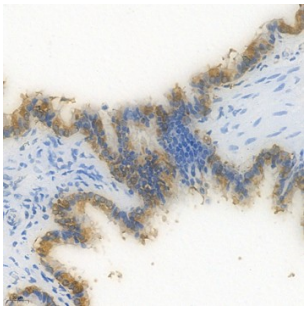
Immunohistochemical analysis of paraffin-embedded human esophageal carcinoma tissue labeling Hsp90 with db11017. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling Hsp90 with db11017. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling Hsp90 with db11017. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat lung tissue labeling Hsp90 with db11017. Counter stained with Hematoxylin.