Recombinant DGRmAb®

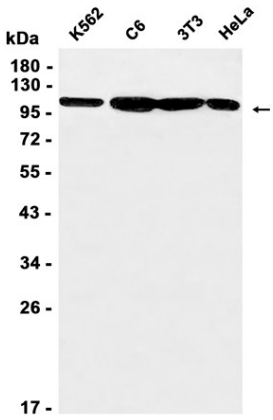
# SMARCA5 (DGR20118) Rabbit mAb (PBS Only)

**db11595-PBS** **Package : 10μg 100μg**

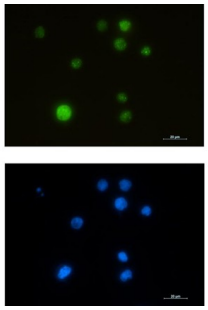
**Product Name :** SMARCA5 (DGR20118) Rabbit mAb (PBS Only)
**Cat.No.:** db11595-PBS
**Synonyms :** ISWI; SNF2H; hISWI; hSNF2H; WCRF135
**Application :** WB, ICC/IF
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. [provided by RefSeq, Jul 2008] |
| **Immunogen** | A synthetic peptide of human SNF2H |
| **Gene ID** | 8467 |
| **Swiss Prot** | O60264 |
| **Synonyms** | ISWI; SNF2H; hISWI; hSNF2H; WCRF135 |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, ICC/IF |
| **Calculated MW** | 122 kDa |
| **Observed MW** | 122 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR20118 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |

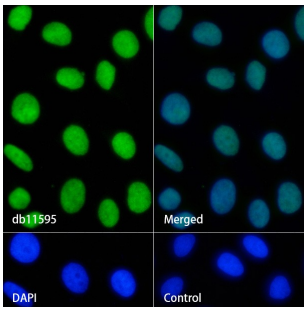
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|---|---|
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.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




Western blot analysis of extracts from K562, C6, 3T3, HeLa cells using db11595 at 1:1000.



Immunofluorescent analysis of Jurkat cells using db11595 antibody (green), and DAPI (blue).




Immunofluorescence analysis of HeLa cells labelling SMARCA5 with db11595.

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 db11595 (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.