

## HES1 Monoclonal Antibody

**CAB0925**

### Description

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This HES1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB0925  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** HHL, HRY, HES-1, bHLHb39, HES1  
**Clone:** ARC0513  
**Applications:** **WB** | **IHC-P** | **IP** | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3280  
**Uniprot:** AB\_2861486  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 30kDa  
**Calculated MW:** 30kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** MOLT-4, Mouse testis

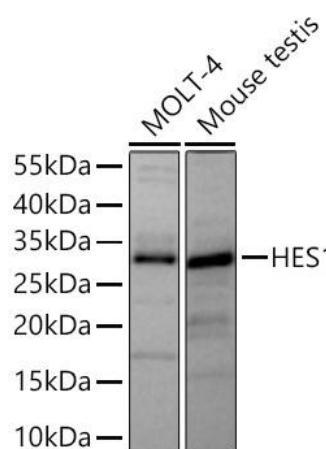
**Recommended Dilutions:**

<b>WB</b>	1:1000 - 1:2000
<b>IHC-P</b>	1:1000 - 1:4000
<b>IP</b>	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

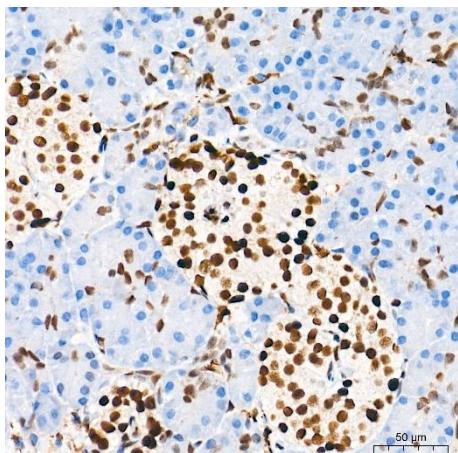
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

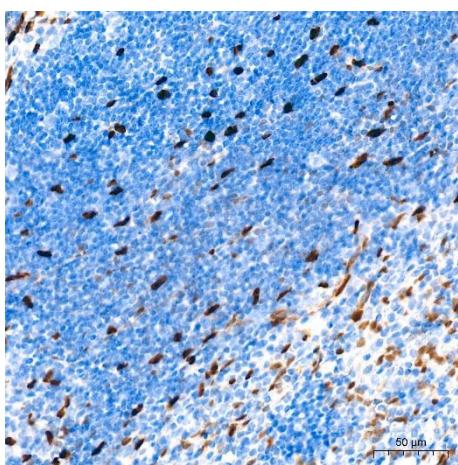
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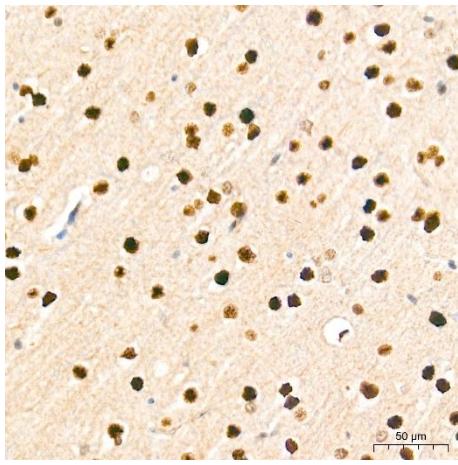
Western blot analysis of various lysates using Rabbit mAb (CAB0925) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.



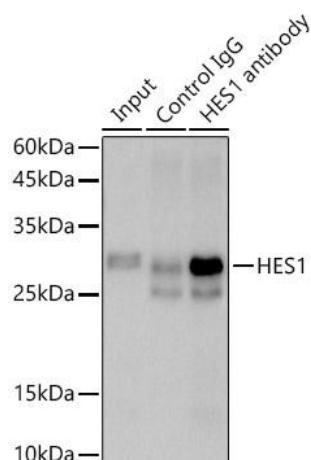
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Rabbit mAb (CAB0925) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Rabbit mAb (CAB0925) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Rabbit mAb (CAB0925) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation analysis of 600 µg extracts of Rat testis cells using 3 µg antibody (CAB0925). Western blot was performed from the immunoprecipitate using antibody (CAB0925) at a dilution of 1:500.