

## MAGE-1/MAGE1A Antibody

**CAB5470**

### Description

---

This MAGE-1/MAGE1A 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

---

**SKU:** CAB5470  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** CT1.1, MAGE1, MAGE-1/MAGE1A  
**Clone:** -  
**Applications:** **WB** | **IHC-P** | **IF/ICC** | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human

### Antibody Data

---

**Gene ID:** 4100  
**Uniprot:** AB\_2766271  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 45kDa  
**Calculated MW:** 34kDa

## Preparation & Storage

---

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, 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:** 22Rv1

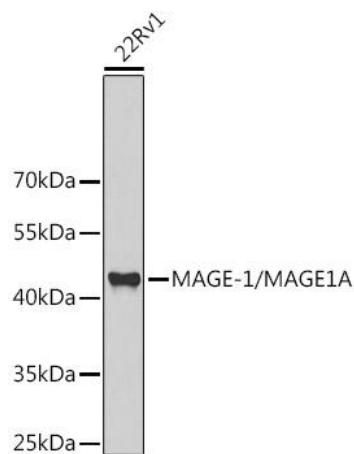
**Recommended Dilutions:**

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:100
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

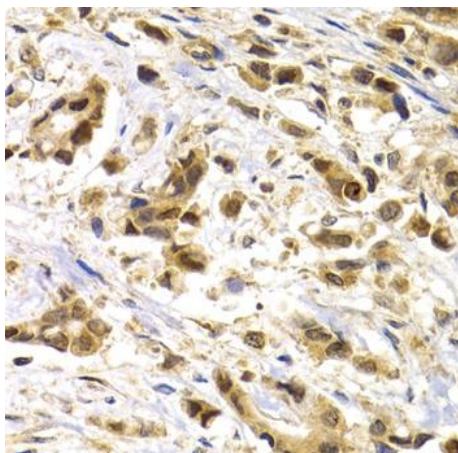
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

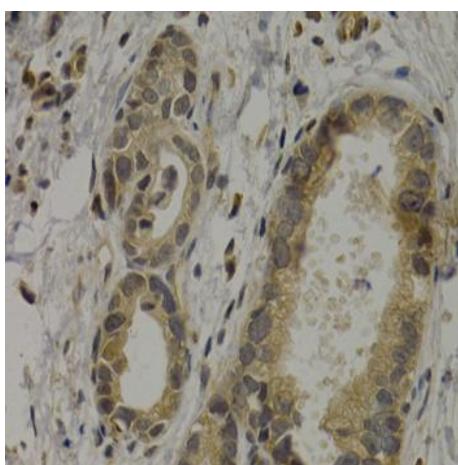
---



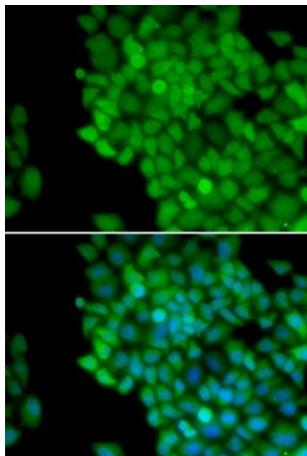
Western blot analysis of lysates from 22Rv1 cells, using MAGE-1/MAGE1A Rabbit pAb (CAB5470) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MAGE-1/MAGE1A Rabbit pAb (CAB5470) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach cancer using MAGE-1/MAGE1A Rabbit pAb (CAB5470) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using MAGE-1/MAGE1A Rabbit pAb (CAB5470). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.