



### HMHA1 / HA-1 Antibody (C-Term)

Peptide-affinity purified goat antibody Catalog # AF2244a

### **Specification**

## HMHA1 / HA-1 Antibody (C-Term) - Product Information

Application E
Primary Accession 09

Primary Accession <u>Q92619</u>
Other Accession <u>NP\_036424.2</u>,

<u>23526</u>

Predicted Human
Host Goat
Clonality Polyclonal
Concentration 0.5 mg/ml

Isotype IgG Calculated MW 124614

HMHA1 / HA-1 Antibody (C-Term) - Additional Information

### **Gene ID 23526**

#### **Other Names**

Minor histocompatibility protein HA-1, Minor histocompatibility antigen HA-1, mHag HA-1, HMHA1, KIAA0223

#### **Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

HMHA1 / HA-1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

HMHA1 / HA-1 Antibody (C-Term) - Protein Information

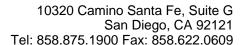
Name ARHGAP45 (HGNC:17102)

# HMHA1 / HA-1 Antibody (C-Term) - Background

To avoid confusion please note that this antibody is designed to recognise the whole protein as coded by NP\_036424.2 and won't recognise the peptide found eluted from HLA-A\*0201 molecules by den Haan et al (Science. 1998 Feb 13;279(5353):1054-7, PMID: 946

## HMHA1 / HA-1 Antibody (C-Term) - References

The minor histocompatibility antigen HA-1: a diallelic gene with a single amino acid polymorphism. den Haan JM, Meadows LM, Wang W, Pool J, Blokland E, Bishop TL, Reinhardus C, Shabanowitz J, Offringa R, Hunt DF, Engelhard VH, Goulmy E Science. 1998 Feb 13;279(5353):1054-7. PMID: 9461441





### **Function**

Contains a GTPase activator for the Rho-type GTPases (RhoGAP) domain that would be able to negatively regulate the actin cytoskeleton as well as cell spreading. However, also contains N-terminally a BAR-domin which is able to play an autoinhibitory effect on this RhoGAP activity.

#### **Cellular Location**

Cytoplasm. Cell projection, ruffle membrane

#### **Tissue Location**

Expressed on cells of the hematopoietic lineage. Detected in dendritic cells and epidermal Langerhans cells. Expressed in peripheral blood mononuclear cells, in all leukemia/lymphoma cell lines. Detected also in some solid tumors and tissues such as cancerous and non-cancerous tissue.

## HMHA1 / HA-1 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture