

**HMHA1 / HA-1 Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2244a**Specification****HMHA1 / HA-1 Antibody (C-Term) - Product Information**

Application	<b>E</b>
Primary Accession	<a href="#">Q92619</a>
Other Accession	<a href="#">NP_036424.2</a> , <a href="#">23526</a>
Predicted Host	<b>Human</b> <b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>124614</b>

**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-domain 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)