

Goat anti-HMHA1 (aa57-71) Antibody

Item Number	dAP-2620
Target Molecule	Principle Name: HMHA1 (aa57-71); Official Symbol: HMHA1; All Names and Symbols: HMHA1; histocompatibility (minor) HA-1; HA-1; HLA-HA1; KIAA0223; minor histocompatibility antigen HA-1; minor histocompatibility protein HA-1; Accession Number (s): NP_036424.2; Human Gene ID(s): 23526; Non-Human GenID(s): 70719 (mouse) 314618 (rat)
Immunogen	KATGTLKRPTSLSRH, is from N Terminus 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
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 200kDa band in lysates of cell lines Jurkat and Molt4 after 0.05µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the cal
IHC	
Reference	Reference(s): Nicholls S, Piper KP, Mohammed F, Dafforn TR, Tenzer S, Salim M, Mahendra P, Craddock C, van Endert P, Schild H, Cobbold M, Engelhard VH, Moss PA, Willcox BE. Secondary anchor polymorphism in the HA-1 minor histocompatibility antigen critically affects MHC stability and TCR recognition. Proc

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**