



1A68 rabbit pAb

Cat No.:ES18548

For research use only

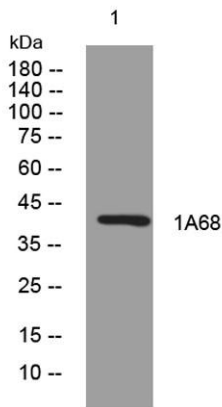
Overview

Product Name	1A68 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human 1A68 AA range: 1-51
Specificity	This antibody detects endogenous levels of 1A68 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	1A68
Gene Name	HLA-A HLAA
Cellular localization	Golgi membrane,endoplasmic reticulum,Golgi apparatus,Golgi medial cisterna,plasma membrane,integral component of plasma membrane,cell surface,ER to Golgi transport vesicle membrane,membrane,integral component of membrane,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	
Human Swiss-Prot Number	P01891
Alternative Names	
Background	HLA-A belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the





membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney trans



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night

