

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HLA-E

Numéro de catalogue: CL488-66530



## Informations de base

Numéro de catalogue: CL488-66530	Numéro d'acquisition GenBank: BC002578	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3133	CloneNo.: 1A4G3
Hôte: Mouse	Nom complet: major histocompatibility complex, class I, E	Dilutions recommandées: WB 1:1000-1:4000
Isotype: IgG2a	MW calculé 40 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6724	MW observés: 40 kDa	

## Applications

Applications testées: WB	Contrôles positifs: WB : cellules Raji,
Spécificité de l'espèce: Humain	

## Informations générales

Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I and class II. This class I molecules are membrane glycoproteins composed of a heavy (alpha) chain which is encoded by a HLA class I gene, and  $\beta$ 2-microglobulin light (beta) chain. The most extensively characterized members of the HLA class I gene family are the genes encoding the major transplantation antigens, HLA-A, B and C. HLA-E is a non-classical MHC class I molecule. HLA-E is frequently overexpressed in tumor diseases, transplants and virus-infected cells and represents an immunomodulatory molecule by binding to the receptors CD94/NKG2A, -B and -C on NK and T cells. Due to its immune suppressive features HLA-E expression might represent an important mechanism of tumors to escape immune surveillance. (PMID: 667938; 3375250; 2249951; 27589686)

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

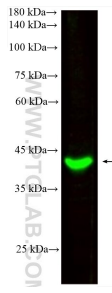
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## Données de validation sélectionnées



Raji cells were subjected to SDS PAGE followed by western blot with CL488-66530 (HLA-E antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.