

## Recombinant

## HLA-G (BP6247) Rabbit mAb

db30203

Package : 100μL

**Product Name :** HLA-G (BP6247) Rabbit mAb**Cat.No.:** db30203**Application :** IHC, WB**Reactivity :** Human**Host species :** Rabbit**Background**

HLA-G (HLA-G histocompatibility antigen, class I, G) is a non-classical MHC molecule expressed by trophoblasts in placenta, thymic epithelial cells, and some tumors. Alternative splicing leads to generation of at least six isoforms, four that are transmembrane proteins and two that are soluble. It is an inhibitory molecule involved in immune tolerance and escape, originally studied for its role in maternal tolerance of the fetus during pregnancy. HLA-G binds ILT2, ILT4, and KIR2DL4, playing a role in the regulation of natural killer, T, and monocyte/macrophage cells. Its involvement in evasion of immune response makes it a potential target for immunotherapy.

**Immunogen**

Recombinant protein fragment of human HLA-G was used as an immunogen

**Swiss Prot**

P17693

**Reactivity**

Human

**Application**

IHC, WB

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

38 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

BP6247

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

