

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.

