

HLA-G Polyclonal Antibody

Catalog No. E-AB-18031

Note: Centrifuge before opening to ensure complete recovery of vial contents.

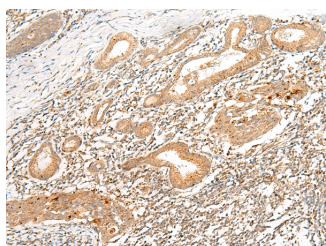
Description

Reactivity	Human
Immunogen	Synthetic peptide of human HLA-G
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

IHC	1:50-1:300
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Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HLA-G Polyclonal Antibody at dilution of 1:45(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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). HLA-G is a non-classical MHC class I molecule with multiple immunoregulatory properties. HLA-G exhibits a restricted pattern of expression that includes placental extravillous trophoblasts at the maternal-fetal interface,where it abolishes maternal immune cell activity against fetus and establishes immune tolerance. Aberrant expression of HLA-G has been found in a variety of human neoplastic diseases. It plays an important role in the escape of tumor cells from immunosurveillance.

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