

anti- HLA-G antibody

Product Information

Catalog No.:	FNab09952
Size:	100µg
Form:	liquid
Purification:	protein A+G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3C12
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated 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.

Immunogen information

Immunogen:	MHC class I antigen G
Synonyms:	HLA 6.0, HLA G, HLA G antigen, HLAG, HLA-G, MHC class I antigen G, MHC G
Observed MW:	38 kDa
Uniprot ID :	P17693

Application

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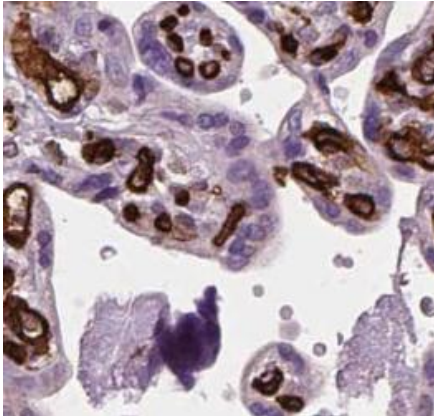
www.fn-test.com

Reactivity: Human

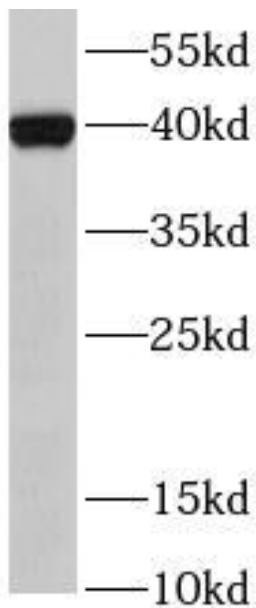
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:2000-1:10000; IHC: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded human placenta tissue slide using FNab09952(HLA-G Antibody) at dilution of 1:200



human placenta tissue were subjected to SDS PAGE followed by western blot with FNab09952(HLA-G Antibody) at dilution of 1:5000

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