

Recombinant

DGRmAb®

**MICA/B (DGR19290) Rabbit mAb (PBS Only)**

db11355-PBS

Package : 100µg

**Product Name** : MICA/B (DGR19290) Rabbit mAb (PBS Only)**Cat.No.:** db11355-PBS**Synonyms** : MIC-A; PERB11.1**Application** : WB, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes the highly polymorphic major histocompatibility complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral membrane protein receptor. The protein functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. Variations in this gene have been associated with susceptibility to psoriasis 1 and psoriatic arthritis, and the shedding of MICA-related antibodies and ligands is involved in the progression from monoclonal gammopathy of undetermined significance to multiple myeloma. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2014]

**Immunogen**

Recombinant protein of human MICA

**Gene ID**

100507436, 4277

**Swiss Prot**

Q29980, Q29983

**Synonyms**

MIC-A; PERB11.1

**Reactivity**

Human

**Application**

WB, IP

**Recommended dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

43 kDa

**Observed MW**

60-75 kDa

**Host species**

Rabbit

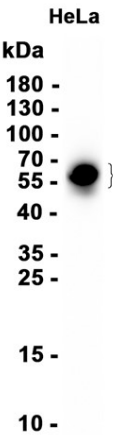
**Clonality**

Monoclonal

**Clonality No.**

DGR19290

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using [db11355](#)