Mouse MHC Class I (alpha+beta2m chains) Antibody | anti-MHC antibody

Anti-MHC Class I (alpha+beta2m chains) PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129327	**Mouse**	**Mouse, Pig, Cow, Human, Rabbit, Sheep, Coturnix japonica**	**Flow Cytometry, Functional Assay**

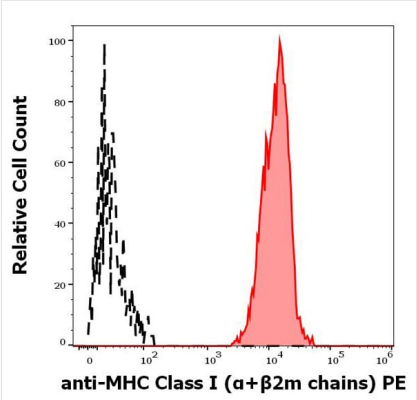
PRODUCT SYNONYMS

MHC Class I (alpha+beta2m chains); Anti-MHC Class I (alpha+beta2m chains) PE; anti-MHC antibody

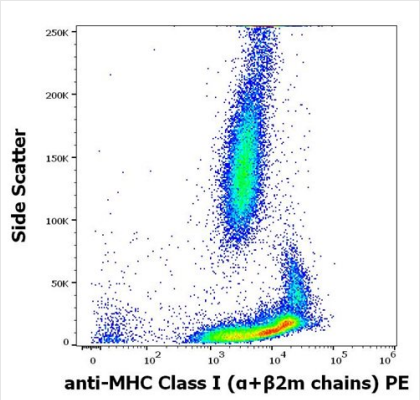
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Pig, Cow, Human, Rabbit, Sheep, Coturnix japonica
Isotype	Mouse IgG1
Clone Number	IVA26
Specificity	The mouse monoclonal antibody IVA26 recognizes an extracellular epitope on MHC class I (alpha + beta2m chains) expressed in various animals.
Purity/Purification	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	0.1mg/ml (varies by lot)
Applicable Applications for anti-MHC antibody	FCM/FACS (Flow Cytometry)
Immunogen	bovine lymphocytes
Conjugation	PE
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)
Separation of human lymphocytes (red-filled) from MHC Class I negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-MHC Class I (alpha+beta2m chains)(IVA26) PE antibody (concentration in sample 0.56ug/ml).



FCM/FACS (Flow Cytometry)
Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-MHC Class I (alpha+beta2m chains)(IVA26) PE antibody (concentration in sample 0.56ug/ml).

ADDITIONAL INFORMATION

Related Product Information for anti-MHC antibody	HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumour defence.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/mouse-cow-human-mouse-pig-rabbit-sheep-antibody/mhc-class-i-alphabeta2m-chains/129327