

Rat CD89 (FCAR) protein (Recombinant) (STJP000486)
STJP000486

GENERAL INFORMATION

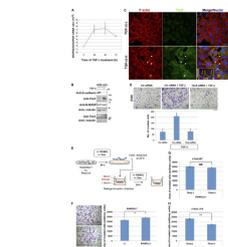
Product Type Proteins
Short Description Recombinant-Rat CD89 (FCAR)-protein was developed from hek293. For use in research applications.
Host/Source HEK293

PRODUCT PROPERTIES

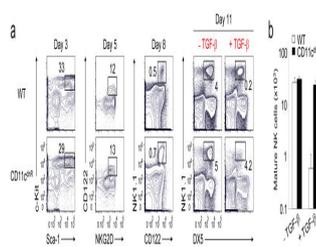
Concentration
Formulation 0.2 Mu m filtered PBS solution, pH7.2.
Purification
Dilution Range >97%, as determined by SDS-PAGE and HPLC NA
Storage Instruction Can be stored in working aliquots at 2°C-8°C for one month, or at -20°C to -70°C for 1 year. Avoid repeated freeze/thaw cycles. NA

TARGET INFORMATION

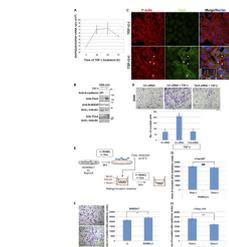
Gene ID 2204
Gene Symbol FCAR
Uniprot ID FCAR_HUMAN
Immunogen Sequence



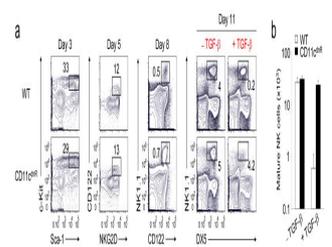
Human peripheral blood was collected (30 ml) from adult healthy donors after obtaining the IRB approval from the Ohio State University Medical Center and obtaining written consents from donors. The ethic committee has also approved the procedure and records are saved in the laboratory logbook. Freshly collected blood was processed to isolate peripheral blood mononuclear cells (PBMC) following the similar protocol published earlier.



Rat vascular smooth muscle cells (VSMCs) were isolated by enzymatic digestion of thoracic aortic media from male Sprague-Dawley rats (200g-300g, obtained from Torngi Medical College, HUST) by the method of



Functional assays for the measurement of degranulation (CD107a) were performed as described in



To assess the impact of MSCs and SB623 cells on the maturation of dendritic cells, monocyte-derived dendritic cells were generated in the presence of GM-CSF and IL-4. On Day 5, human TNF-Alpha (1.0 ng/ml) was added to each well with or without MSCs or SB623 cells. As previous studies confirmed a role of cyclosporin A in hindering dendritic cell maturation [

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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