

Product datasheet for **TA385895**

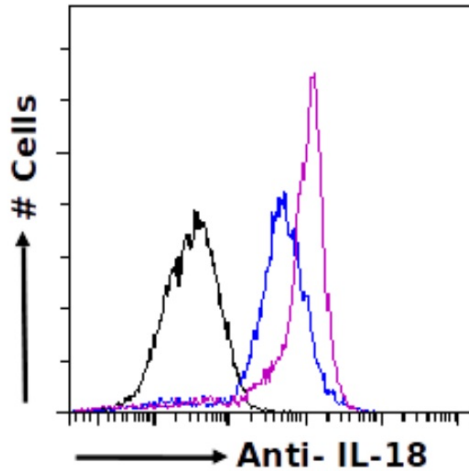
IL18 Rabbit Monoclonal Antibody [Clone ID: SAIC-24B-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SAIC-24B-4
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The KLH conjugated peptide "ISTLSCENK" derived from IL-18, an augmentor of natural killer cell activity in the spleen and stimulator of interferon gamma production in Th1 cells.
Specificity:	Recognises human IL18. Original data characterizing this antibody may be found here .
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	interleukin 18
Database Link:	Entrez Gene 3606 Human Q14116
Synonyms:	lboctadekin; IGIF; IL-1g; IL-18; IL1F4; interleukin-18; MGC12320



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Product images:


Flow-cytometry using the anti-IL-18 antibody SAIC-24B-4 (TA385895) Human peripheral blood monocytes (PBMC's) were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with unimmunized rabbit IgG antibody (MOPC-21; isotype control, black line) or the rabbit IgG-chimeric version of SAIC-24B-4 (TA385895, blue line) at a dilution of 1:100 for 1h at RT. An additional population of PBMC's stimulated with PMA and Ionomycin in the presence of Monensin for 4 hours were stained in a similar manner (purple line). After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Western Blot using anti-IL-18 antibody SAIC-24B-4 (TA385895) Untreated human peripheral blood monocyte (PBM; A) and PMA/Ionomycin-treated PBM lysates (35µg protein in RIPA buffer) were resolved on a 15% SDS PAGE gel and blots probed with the rabbit IgG-chimeric version of SAIC-24B-4 (TA385895) at 0.3 µg/ml before detection using an anti-rabbit secondary antibody. Protein was detected by chemiluminescence. The expected running size for IL-18 is 22.3kDa. TA385895 successfully detected IL-18 in untreated human peripheral blood monocyte samples.