

Recombinant Mouse MARCO Protein

Catalog #	Source	Reactivity	Applications
CRP3016	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse MARCO Protein is produced by mammalian expression system and the target gene encoding Gln70-Ser518 is expressed with a 8His tag at the N-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	MARCO
Alternative Names	SCARA2; Macrophage receptor MARCO; Macrophage receptor with collagenous structure; Scavenger receptor class A member 2
Entrez Gene	17167 (Mouse)
SwissProt	Q60754 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	HHHHHHHHQV LNLQEQQLQML EMCCGNGSLA IEDKPFSLQ WAPKTHLVPR AQLQLALQAQ LSWVHTSSEQ LRQQFNLTQ NPELFQIKGE RGSPGPKGAP GAPGIPGLPG PAAEKGEKGA AGRDGTGPVQ GPQGPPGSKG EAGLQGLTGA PGKQGATGAP GPRGEKGSKG DIGLTGPKGE HGTKGDKGDL GLPGNKGDMG MKGDTGPMGS PGAQGGKGDGDA GKPGLPGLAG SPGVKGDQGK PGVQGVPGPQ GAPGLSGAKG EPGRTGLPGP AGPPGIAGNP GIAGVKGSKG DTGIQGQKGT KGESGVPGLV GRKGDTGSPG LAGPKGEPGR VGQKGDPMK GSSGQQGQKG EKGQKGESFQ RVRIMGGTNR GRAEVYYNNE WGTICDDDWD NNDATVFCRM LGYSRGRALS SYGGGSGNIW LDNVNCRGTE NSLWDCSKNS WGNHNCVHNE DAGVECS
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

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