

Product Datasheet

IRG1 antibody orb184387-CF488A

Description	Rabbit polyclonal antibody to IRG1, which is also known as CAD. It is frequently found in the mitochondrion and is expressed in the microglia and macrophage cells. It is overexpressed in the LPS-tolerized macrophages. This protein can extensively act as a negative regulator of the toll-like receptors (TLRs)-mediated inflammatory innate response by stimulating the tumor necrosis factor alpha-induced protein TNFAIP3 expression via reactive oxygen species (ROS) in LPS-tolerized macrophages and is involved in the inhibition of the inflammatory response.
Species/Host	Rabbit
Reactivity	Human
Conjugation	CF488A
Tested Applications	ELISA, ICC, IF, IHC-P
Immunogen	KLH conjugated synthetic peptide derived from the region aa11-90 of human IRG1
Target	IRG1. Expressed in LPS-tolerized macrophages (at protein level). Expressed in peripheral blood mononuclear cells (PBMCs), microglia and macrophage cells.
Form/Appearance	Liquid: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Concentration	- 100 ?g (in 520 ?l): 0.19 mg/ml
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Affinity purified by Protein A
MW	53 kDa
Uniprot ID	A6NK06 (Human)
Entrez	730249
Dilution Range	ICC: 1:100-500, IF: 1:100-500
Expiration Date	12 months from date of receipt.