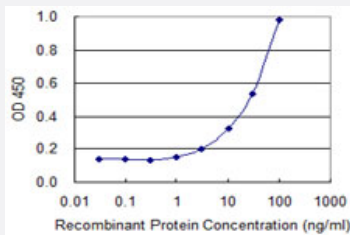


PPARA monoclonal antibody (M03), clone 1A8

Catalog # H00005465-M03

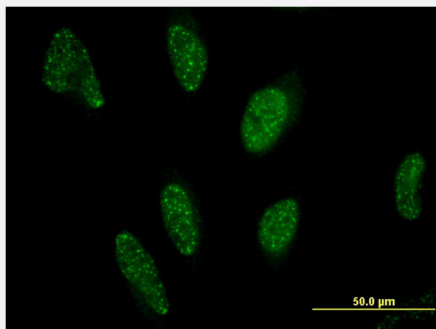
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPARA is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PPARA on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPARA.
Immunogen	PPARA (AAH00052, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVDTESPLCPLSPLEAGDLESPLSEEFLLQEMGNIQEISQSIGEDSSGSFGFTEYQYLGSCPGSDG SVITDTLSPASSPSSVTYPVVPGSVDESPSGALNIECRICGDKASGYHYGVHACEGCKGFFRRTIR LKLVDKCDRSCQKQKNNKNCQYCRFHKCLSVGRSHNAIRFGRMPRSEKAKLKAELTCEHDIED SETADLKS LAKRIYEAYLKNFNMNKVKARVILSGKASNNPVGVC GCSGFSWQHGTSVVEDD
Host	Mouse
Reactivity	Human

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPARA is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PPARA on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PPARA

Entrez GeneID	5465
GeneBank Accession#	BC000052
Protein Accession#	AAH00052
Gene Name	PPARA
Gene Alias	MGC2237, MGC2452, NR1C1, PPAR, hPPAR
Gene Description	peroxisome proliferator-activated receptor alpha
Omim ID	170998
Gene Ontology	Hyperlink

Gene Summary

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000028713|OTTHUMP00000042872|peroxisome proliferative activated receptor, alpha|peroxisome proliferator activated receptor alpha

Pathway

- [Adipocytokine signaling pathway](#)
- [PPAR signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
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- [Dyslipidemias](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
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- [Hyperlipidemias](#)
- [Hypertension](#)

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- [Hypertrophy](#)
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- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
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- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Psychomotor Performance](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Syndrome](#)

- [Task Performance and Analysis](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)