

OCA2 monoclonal antibody (M02), clone 1A11

Catalog # H00004948-M02

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant OCA2.
Immunogen	OCA2 (AAH12097, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GKLWQLLALSPLNYSVNLSSHVDSTLLQVDLAGALVASGPSRPGREEHIVVELTQADALGSRWRRPQQVTHNWTVYLNPRRSEHSVMSRTFEVLRET
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (71)
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

- ELISA

Gene Info — OCA2

Entrez GeneID	4948
GeneBank Accession#	BC012097

Protein Accession#	AAH12097
Gene Name	OCA2
Gene Alias	BEY, BEY1, BEY2, BOCA, D15S12, EYCL, EYCL2, EYCL3, HCL3, P, PED, SHEP1
Gene Description	oculocutaneous albinism II
Omim ID	203200 227220 601800 611409
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the human homologue of the mouse p (pink-eyed dilution) gene. The encoded protein is believed to be an integral membrane protein involved in small molecule transport, specifically tyrosine - a precursor of melanin. Mutations in this gene result in type 2 oculocutaneous albinism. [provided by RefSeq]
Other Designations	eye color 2 (central brown) eye color 3 (brown) hair color 3 (brown) melanocyte-specific transporter protein oculocutaneous albinism II (pink-eye dilution homolog, mouse) total brown iris pigmentation

Disease

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