

ARG44205 anti-MOCS2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MOCS2
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MOCS2
Species	Human
Immunogen	Recombinant protein of Human MOCS2
Conjugation	Un-conjugated
Alternate Names	MOCS2; Molybdenum Cofactor Synthesis; MOCO1; Molybdopterin Synthase Catalytic Subunit; MOCS2A; MOCS2B; Molybdopterin Synthase Sulfur Carrier Subunit; MCBPE; Molybdenum Cofactor Synthesis Protein 2 Small Subunit; Molybdenum Cofactor Synthesis Protein 2 Large Subunit; Molybdenum Cofactor Biosynthesis Protein E; Molybdenum Cofactor Synthesis Protein 2A; Molybdenum Cofactor Synthesis Protein 2B; Molybdopterin Synthase Large Subunit; Molybdopterin Synthase Small Subunit; Molybdopterin-Synthase Small Subunit; Molybdopterin-Synthase Large Subunit; Sulfur Carrier Protein MOCS2A; MPT Synthase Large Subunit; EC 2.8.1.12; MOCO1-A; MOCO1-B; MOCODB; MPTS

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

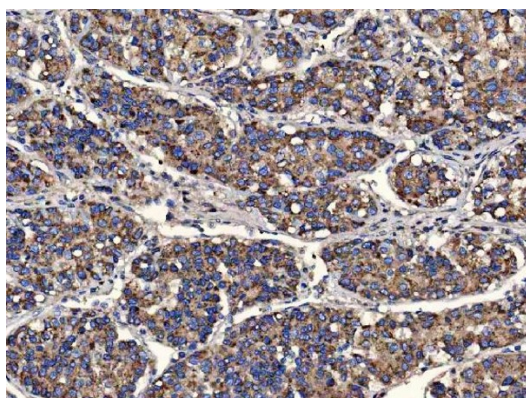
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

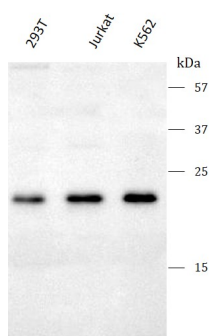
Gene Symbol	MOCS2
Gene Full Name	Molybdenum Cofactor Synthesis 2
Background	Eukaryotic molybdoenzymes use a unique molybdenum cofactor (MoCo) consisting of a pterin, termed molybdopterin, and the catalytically active metal molybdenum. MoCo is synthesized from precursor Z by the heterodimeric enzyme molybdopterin synthase. The large and small subunits of molybdopterin synthase are both encoded from this gene by overlapping open reading frames. The proteins were initially thought to be encoded from a bicistronic transcript. They are now thought to be encoded from monocistronic transcripts. Alternatively spliced transcripts have been found for this locus that encode the large and small subunits.
Calculated Mw	21 kDa

Images



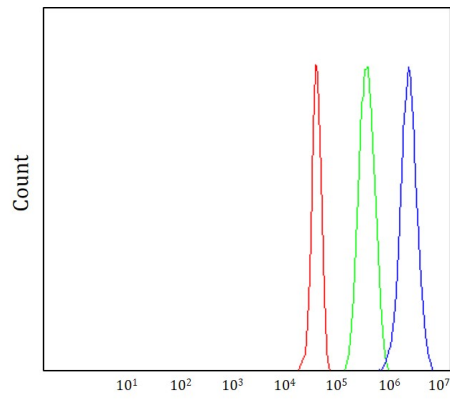
ARG44205 anti-MOCS2 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG44205 anti-MOCS2 antibody at 2 µg/mL dilution.



ARG44205 anti-MOCS2 antibody WB image

Western blot: 293T, Jurkat and K562 stained with ARG44205 anti-MOCS2 antibody at 0.5 µg/mL dilution.



ARG44205 anti-MOCS2 antibody FACS image

Flow Cytometry: JK stained with ARG44205 anti-MOCS2 antibody at $1\text{ }\mu\text{g}/1 \times 10^6$ cells dilution.