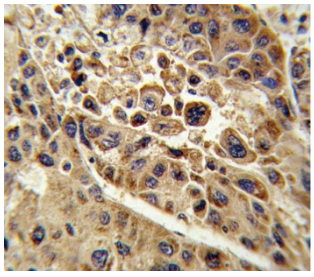
KMO Antibody / Kynurenine 3 monooxygenase (F54990)

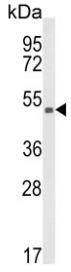
Catalog No.	Formulation	Size
F54990-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54990-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

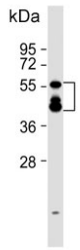
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O15229
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:10-1:50 Western Blot : 1:500-1:1000
Limitations	This KMO antibody is available for research use only.



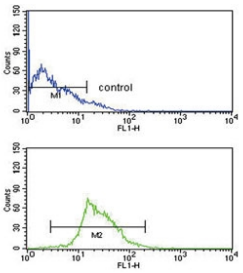
IHC testing of FFPE human hepatocellular carcinoma tissue with KMO antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human CCRF-CEM cell lysate with KMO antibody. Expected molecular weight: 52-56 kDa (multiple isoforms).



Western blot testing of mouse liver tissue lysate with KMO antibody. Expected molecular weight: 52-56 kDa (multiple isoforms).



Flow cytometry testing of human CCRF-CEM cells with KMO antibody; Blue=isotype control, Green= KMO antibody.

Description

Kynurenine 3-monooxygenase (KMO) is an NADPH-dependent flavin monooxygenase that catalyzes the hydroxylation of the L-tryptophan metabolite L-kynurenine to form L-3-hydroxykynurenine.

Application Notes

The stated application concentrations are suggested starting points. Titration of the KMO antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 155-182 from the human protein was used as the immunogen for the KMO antibody.

Storage

Aliquot the KMO antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com