

IS003

L-Kynurenone Antibody - Mouse Monoclonal

Our anti-L-Kynurenone antibody IS1003 enabled to illustrate, for the first time, the presence of L-kynurenone in human brain and tumor samples by IHC and IF. In the literature, the antibody was used to stain for kynurenone in mouse tissues (tumor, brain, heart) and human samples (cell culture, atheroma plaque, and tumor specimens). This mouse monoclonal antibody can be used in combination with other primary antibodies to kynurenone metabolites (rabbit polyclonals available).

[Cited in 12 papers](#)



Clonality	Monoclonal antibody (clone 3D4-F2)
Host	Mouse
Reactivity	Reacts with all species
Tested samples	Human & rodent samples (cell cultures, brain, heart, tumor tissues)
Staining procedure	Perform heat antigen retrieval (pH=6) before standard IHC/IF staining
Format	50µL (approx. 40 tissue sections)
Storage	Store at +4°C for short term (6 months). Aliquot and store at -20°C for long term. Avoid repeated freeze / thaw cycles
Immunohistochemistry (IHC)	Dilute at 1:200-1:2000. Perform heat antigen retrieval (pH=6) before initiating IHC staining protocol on paraffin-embedded and frozen sections
Immunofluorescence (IF)	Dilute at 1:100-1:1000 on paraffin-embedded and frozen sections. Perform heat antigen retrieval and incubate with fluorescent dyes conjugated secondary antibody
Comments	Optimal working dilutions must be determined by the end-user
Restrictions	For research use only

To see data, publications, and download instructions for use and MSDS, visit:

<https://www.immusmol.com/product/l-kynurenine-antibody/>