IS005

Cinnabarinic acid Antibody - Mouse Monoclonal

The first and only validated anti-Cinnabarinic acid antibody available for research use. IHC validation of this mouse mAb in human brain and breast tumor tissues revealed the presence, in specific cells, of Cinnabarinic acid, a tryptophan metabolite known for its immunomodulatory role. A 2020 paper also used this anti-cinnabarinic antibody to stain mouse brain tissue sections (immunofluorescence).
Cited in 1 paper

Clonality	Monoclonal antibody (clone 5C5-E10)
Host	Mouse
Reactivity	Reacts with all species
Tested samples	Human & rodent tissues (brain and tumor specimens)
Staining procedure	Perform heat antigen retrieval (pH=6) before standard IHF/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/cinnabarinic-acid-mab/

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