Product datasheet

Anti-IDO2 Antibody (Clone#OTI2B9)

Catalog Number: *M06002-2*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-IDO2 Antibody (Clone#OTI2B9)
Gene Name	IDO2
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human
Tested Application	WB, ICC/IF
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human IDO2(NP_919270) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	46.9 kDa
Dilution Ratios	Western blot (WB): 1:1000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway (Ball et al., 2007 [PubMed 17499941]).

Selected Validation Data

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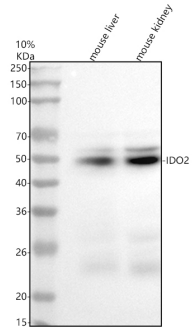
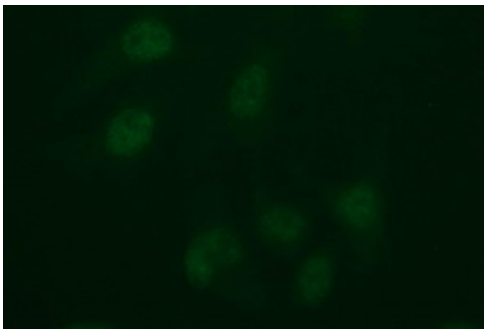


Western blot analysis of anti-IDO2 antibody (M06002-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: mouse liver tissue lysates,
Lane 2: mouse kidney tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with mouse anti-IDO2 antigen affinity purified monoclonal antibody (M06002-2) at a dilution of 1:1000 and probed with a goat anti-mouse IgG-HRP secondary antibody (Catalog # BA1050). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for IDO2 at approximately 47 kDa. The expected band size for IDO2 is at 45 kDa.



Immunofluorescent staining of HeLa cells using anti-IDO2 mouse monoclonal antibody.