

IDO1 (mouse) monoclonal antibody (2E2)

Indoleamine 2,3-dioxygenase (IDO) is an IFN- γ inducible gene. It catalyzes the degradation of the essential amino acid L-tryptophan to N-formylkynurenine. IDO has been implicated to protect against intracellular and extracellular pathogens. IDO1 is also known as Indolamine 2,3-dioxygenase, Indole 2,3-dioxygenase, and Indoleamine-pyrrole 2,3-dioxygenase. IDO is a ubiquitously expressed cytoplasmic protein with a predicted molecular weight of approximately 45 kDa. Indoleamine 2,3-dioxygenase (IDO) is one the best known IFN- γ inducible genes. The product of IDO gene catalyzes the degradation of the essential amino acid L-tryptophan to N-formylkynurenine. IDO has been implicated to protect against intracellular and extracellular pathogens. It also has been shown to maintain the special immune suppressive status of immune-privileged sites such as the brain, eyes, kidney, and placenta.

This antibody is covered by our [Worry-Free Guarantee](#).

Citations: 2

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Ordering Information

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|------------------|-------------|
| ALX-804-902-0100 | 100 μ g |
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Manuals, SDS & CofA

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Handling & Storage

Long Term Storage +4°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

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|-------------------------|--|
| Alternative Name | INDO, Indoleamine 2,3-dioxygenase, Indole 2,3-dioxygenase, Indoleamine-pyrrole 2,3-dioxygenase |
| Application | WB |
| Clone | 2E2 |
| Formulation | Liquid. In PBS, pH 7.2, containing 0.09% sodium azide. |
| Gene/Protein Identifier | 15930 (Entrez GeneID) |
| Host | Mouse |
| Immunogen | Recombinant mouse IDO1. |
| Isotype | IgG1 |
| Purity Detail | Protein G-affinity purified. |
| Species Reactivity | Mouse |
| UniProt ID | P28776 |
| Worry-free Guarantee | This antibody is covered by our Worry-Free Guarantee |

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