

## 兔抗 INDO 多克隆抗体

中文名称：兔抗 INDO 多克隆抗体

英文名称：Anti-INDO rabbit polyclonal antibody

别名：CD107B; IDO; INDO

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：INDO

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

**Background:**

INDO/IDO1/indoleamine 2,3-dioxygenase (IDO) is an IFN- $\gamma$ -inducible enzyme that catalyzes the rate-limiting step of tryptophan degradation. IDO is upregulated in many tumors and in dendritic cells in tumor-draining lymph nodes. Elevated tryptophan catabolism in these cells leads to tryptophan starvation of T cells, limiting T cell proliferation and activation. Therefore, IDO is considered an immunosuppressive molecule, and research studies have shown that upregulation of IDO is a mechanism of cancer immune evasion. The gastrointestinal stromal tumor drug, imatinib, was found to act, in part, by reducing IDO expression, resulting in increased CD8<sup>+</sup> T cell activation and induction of apoptosis in regulatory T cells. In addition to its enzymatic activity, IDO was r

	Recently shown to have signaling capability through an immunoreceptor tyrosine-based inhibitory motif (ITIM) that is phosphorylated by Fyn in response to TGF- $\beta$ . This leads to recruitment of SHP-1 and activation of the noncanonical NF- $\kappa$ B pathway.
<b>Applications:</b>	WB
<b>Name of antibody:</b>	INDO
<b>Immunogen:</b>	Fusion protein of human INDO
<b>Full name:</b>	indoleamine 2,3-dioxygenase 1
<b>Synonyms :</b>	CD107B; IDO; INDO
<b>SwissProt:</b>	P14902
<b>WB Predicted band size:</b>	45 kDa
<b>WB Positive control:</b>	Placenta tissue
<b>WB Recommended dilution:</b>	500-2000

