

Indoleamine 2,3-dioxygenase (15E15) Rabbit Monoclonal Antibody

Catalog# UZ-MA02479

Product information

产品货号	UZ-MA02479
别名	IDO; INDO; IDO-1
产品名称	Indoleamine 2,3-dioxygenase (15E15) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human Indoleamine 2,3-dioxygenase
稀释度	WB 1:1000
参考分子量	45kDa
预测分子量	45kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes indoleamine 2,3-dioxygenase (IDO) - a heme enzyme that catalyzes the first and rate-limiting step in tryptophan catabolism to N-formyl-kynurenine. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-tryptophan, tryptamine, and serotonin. This enzyme is thought to play a role in a variety of pathophysiological processes such as antimicrobial and antitumor defense, neuropathology, immunoregulation, and antioxidant activity. Through its expression in dendritic cells, monocytes, and macrophages this enzyme modulates T-cell behavior by its peri-cellular catabolization of the essential amino acid tryptophan.[provided by RefSeq, Feb 2011]
纯化	Affinity Purification
Uniprot ID	P14902
Clonality	Monoclonal