

## 11-4003: Polyclonal Antibody to GPR83

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	GPR83
<b>Gene ID :</b>	10888
<b>Uniprot ID :</b>	Q9NYM4
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GPR83,GPR72,KIAA1540
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant GPR83 protein (amino acids 151-362) was used as the immunogen for this antibody.

### Description

GPR83 (also known as GIR/ GPR72) is an orphan G protein-coupled receptor highly expressed in brain and thymus. It is most homologous to the tachykinin and neuropeptide Y (NPY) receptors. GPR83 is selectively up-regulated by both murine and human CD4(+)CD25(+) regulatory T cells (Treg) cells and is involved in the induction of CD4(+)Foxp3(+) Tregs in the course of an ongoing immune response.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 1-2 µg/ml

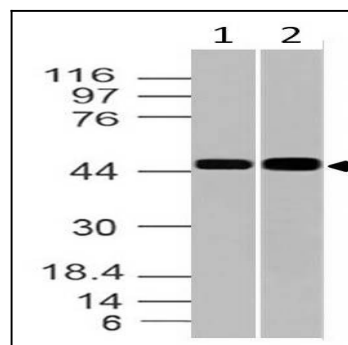


Fig-1: Expression analysis of GPR83. Anti-GPR83 antibody (11-4003) was used at 1 µg/ml on (1) PC3 and (2) HCT-116 lysates.