

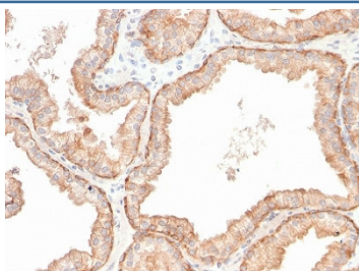
## Recombinant IL-10 Antibody [clone IL10/2651R] (V7295)

Catalog No.	Formulation	Size
V7295-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7295-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7295SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7295IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

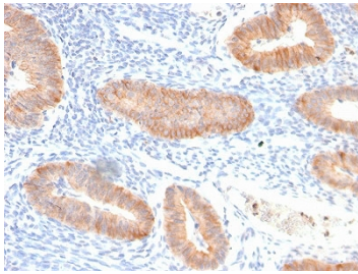
Recombinant **RABBIT MONOCLONAL**

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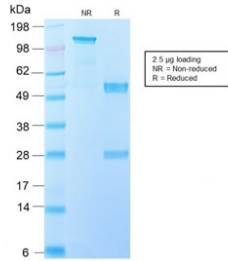
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	IL10/2651R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P22301
<b>Localization</b>	Cell surface, cytoplasmic, secreted
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This recombinant IL-10 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma with recombinant IL-10 antibody (clone IL10/2651R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



IHC staining of FFPE human endocervical carcinoma with recombinant IL-10 antibody (clone IL10/2651R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant IL-10 antibody (clone IL10/2651R) as confirmation of integrity and purity.

## Description

Interleukin 10 (IL10) is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immuno-regulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II antigens, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immuno-regulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

## Application Notes

Optimal dilution of the recombinant IL-10 antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Full length human protein was used as the immunogen for the recombinant IL-10 antibody.

## Storage

Store the recombinant IL-10 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).