

Anti-FOXP3 Antibody [PSH07-47]

IRS008



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	mIHC
Molecular Wt:	Predicted band size: 47 kDa
Clone number:	PSH07-47

Description: FOXP3 (forkhead box P3), also known as scurfin, is a protein involved in immune system responses. A member of the FOX protein family, FOXP3 appears to function as a master regulator of the regulatory pathway in the development and function of regulatory T cells. Regulatory T cells generally turn the immune response down. In cancer, an excess of regulatory T cell activity can prevent the immune system from destroying cancer cells. In autoimmune disease, a deficiency of regulatory T cell activity can allow other autoimmune cells to attack the body's own tissues.

Immunogen: Recombinant protein within human FOXP3 aa 101-370.

Subcellular location: Nucleus, Cytoplasm.

Database links: SwissProt: Q9BZS1 Human

Recommended Dilutions:
mIHC 1:100

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

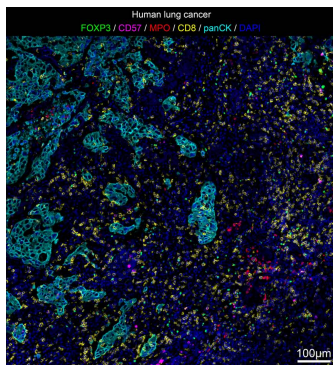


Fig1: mIHC analysis of human lung cancer tissue (Formalin/PFA-fixed paraffin-embedded sections) with FOXP3 (IRS008), CD57 (IRS027), MPO (IRS037), CD8 (IRS007) and panCK (IRS010) antibody at 1/100 dilution. The immunostaining was performed with the IRISKit® HyperView mTSA Kit (MH900206). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins at 95°C. DAPI (blue) was used as a nuclear counter stain. Image acquisition was performed with Olympus VS200 Slide Scanner.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Wang J et al. Human FOXP3 and tumour microenvironment. *Immunology*. 2023 Feb
2. Ziolkowska-Suchanek I et al. FOXP3: A Player of Immunogenetic Architecture in Lung Cancer. *Genes (Basel)*. 2024 Apr

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