

**FOXP3 MOUSE (7H9) MAB****Cat.#:** N261412**Product Name:** Anti-FOXP3 Mouse (7H9) Monoclonal Antibody**Synonyms:** FOXP3; IPEX; JM2; Forkhead box protein P3; Scurfin**UNIPROT ID:** Q9BZS1

**Background:** Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, thrombocytopenia, anemia and eczema. It is usually lethal in infancy.

**Immunogen:** Purified recombinant human FOXP3 protein fragments expressed in E.coli.

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 7H9-D6-A10

**MW:** Calculated MW: 47 kDa; Observed MW: 47 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Transfected

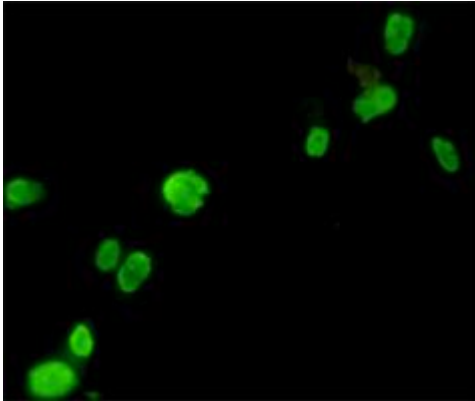
**Conjugation:** Unconjugated

**Modification:** Unmodified

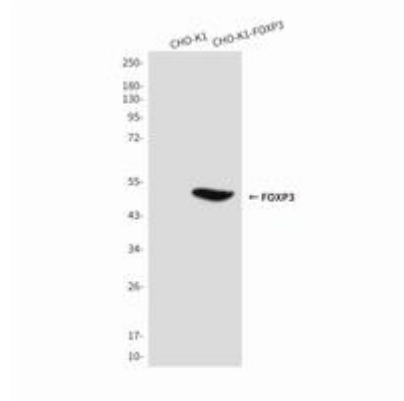
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of CHO-K1 cells transfected with FOXP3 using FOXP3 mouse (7H9) mAb. The image shows green fluorescence in the nuclei of the cells, indicating successful transfection and expression of FOXP3.



Western blot analysis of FOXP3 in CHO-K1 lysates (A) and CHO-K1 cells transfected with FOXP3 (B) using FOXP3 antibody. The blot shows a single band for FOXP3 in the transfected cells (B) and no band in the CHO-K1 lysates (A).