Antibody Information

**Antibody name:** JC12  
**Specificity:** Murine Foxp1  
**Antibody species:** Mouse  
**Ig Isotype:** IgG2a  
**Immunogen:** Mouse autoantibody that does not recognise immunogen  
**Epitope recognized:** 608-654 aa (human protein)  
**Specificity:** Human and mouse

**Submitted:** Dr Alison Banham (University of Oxford, United Kingdom). Hybridoma created by Ms Jacqueline Cordell (University of Oxford, United Kingdom).

Antibody validation data

- Validation of JC12 monoclonal antibody in transfected cells (Figure 1)  
- Biochemical characterisation of JC12 monoclonal antibody (Figure 2)  
- FOXP1 expression in human FFPE tissues (Figure 3)
Figure 1: Validation of JC12 monoclonal antibody in transfected cells

Nuclear and cytoplasmic staining of FOXP1 transfected COS1 cells. No reactivity with FOXP family members (FOXP2, FOXP3, FOXP4).

Figure 2: Western Blotting characterisation of JC12 monoclonal antibody

JC12 labels FOXP1 isoforms that are differentially expressed in nuclear extracts from lymphoma cell lines
Figure 3: FOXP1 (JC12) expression in reactive tonsil and diffuse large B-cell lymphoma (DLBCL)

Human tonsil: A) JC12 strongly labels mantle zone B cells and a variable proportion of germinal center and interfollicular cells. B) FOXP1 protein expression is rarely observed in plasma cells.

DLBCL: Nuclear FOXP1 protein is differentially expressed in diffuse large B-cell lymphomas.
Key publications using antibody FOXP1 (JC12)


Patents : YES (PCT/GB00/04590) but this has subsequently been allowed to lapse

Antibody licensed to:
Abcam PLC, AbD Serotech, eBioscience