

## *IL4I1 | Validation File*

**TARGET** L-amino-acid oxidase/Interleukin-4-induced protein 1

**CLONE NAME** BALI543H

**DESCRIPTION** Rat monoclonal

**ANTIGEN USED** human IL4I1-His-Strep expressed in 293 cells

**ISOTYPE** IgG2a

**SPECIES REACTIVITY** human

**LOCALIZATION** secreted

**POSITIVE CONTROL** Human tonsil

**STORAGE BUFFER** Tissue culture supernatant: 0.02% sodium azide

Purified antibody: PBS plus 1% BSA and 0.02% sodium azide. MAb concentration: 1mg/ml

**STORAGE** Aliquot and store at 4C. Do not freeze



Recommended



Inconclusive



Not Recommended



Not Tested

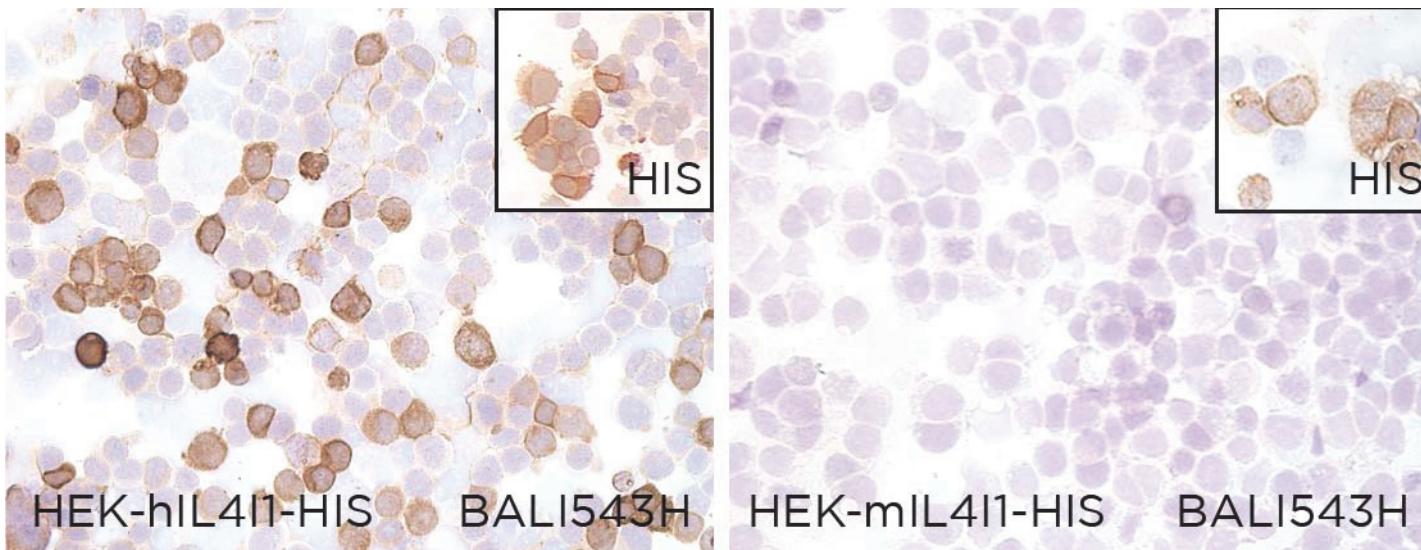
## APPLICATIONS

### ICC | Immunocytochemistry

BALI543H is able to detect human IL4I1 protein in immunocytochemistry

**DILUTION** Neat supernatant

To confirm that BALI543A mAb recognizes human IL4I1 protein but not mIL4I1, immunocytochemistry on frozen cytocentrifuge preparations of hIL4I1 and mIL4I1-HIS tagged was done. Anti-HIS was used as positive control.



## WB | *Western Blotting*

BALI543H is able to detect human IL4I1 protein by WB.

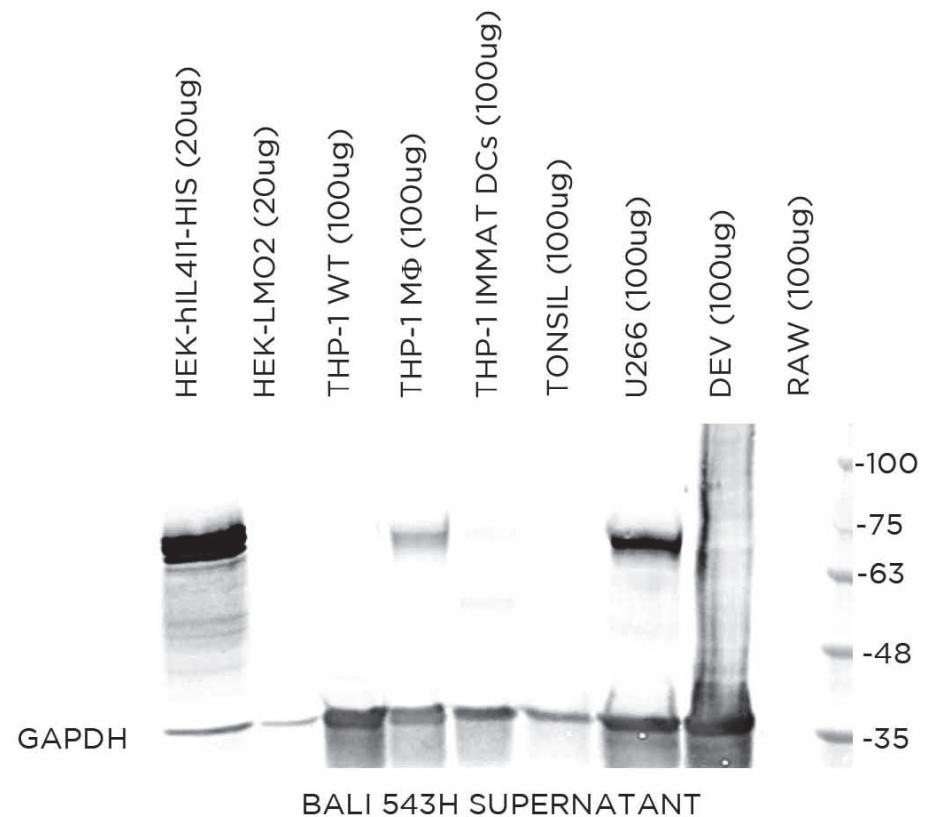
DILUTION Neat supernatant

Predicted molecular weight: **63KDa**  
Observed molecular weight: **63kDa**

### LANES

Lane 1 HEK-IL4I1-HIS	(20ug)
Lane 2 HEK-LMO2	(20ug)
Lane 3 THP1 WT cell line	(100ug)
Lane 4 THP1 MΦ	(100ug)
Lane 5 THP1 immature	(100ug)
Lane 6 Tonsil	(100ug)
Lane 7 U266 cell line	(100ug)
Lane 8 DEV cell line	(100ug)
Lane 9 RAW cell line	(100ug)

Anti-GAPDH was used as loading control



| IHC-P | **Immunohistochemistry (paraffin)**

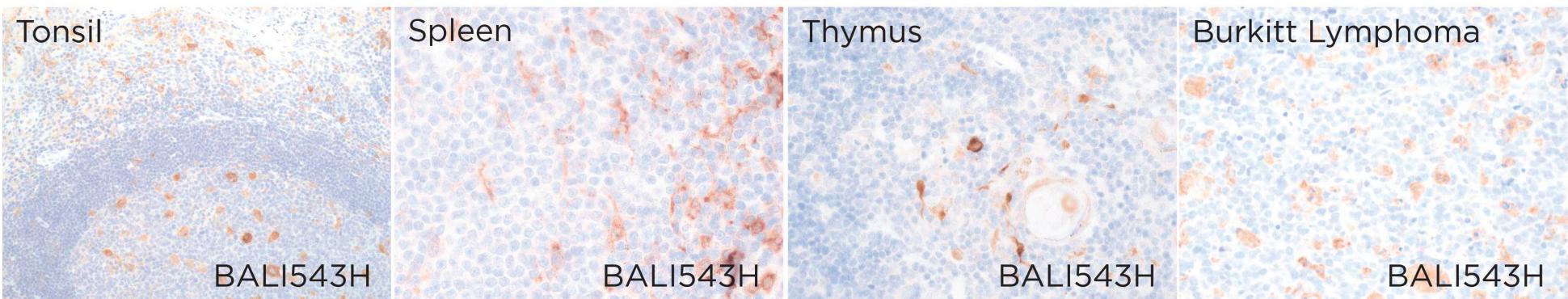
BALI543H mAb can be used to detect IL4I1 protein in human paraffin tissues

**TISSUE SAMPLE** Human tonsil, thymus, spleen and Burkitt lymphoma

**DILUTION** 1:5 (supernatant)

**ANT. RETRIEVAL** 20 minutes ER2 (Tris-EDTA)

**DETECTION SYSTEM** Novolink kit (BondMax Leica)



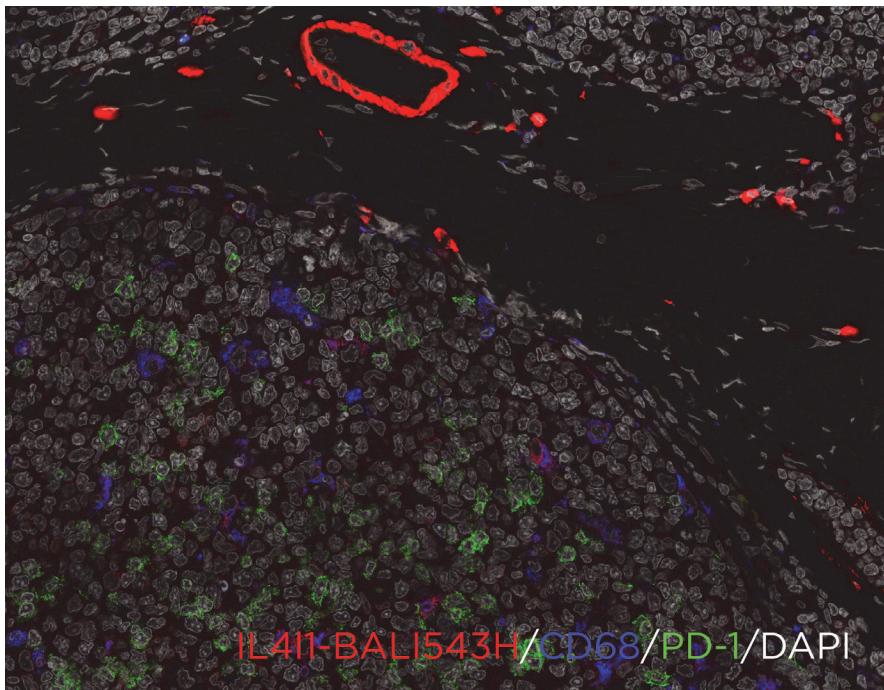
 | IF | **Immunofluorescence (paraffin)**

BALI543H mAb can be used to detect IL4I1 protein in human paraffin tissues by immunofluorescence

**TISSUE SAMPLE** Human tonsil

**DILUTION** IL4I1 mAb 1:2 dilution (supernatant), CD68 (PGM1-abcam 213363) 1:2000 and PD-1 mAb 1:2 dilution (supernatant).

**ANT. RETRIEVAL** 20 minutes ER2 (Tris-EDTA)



 | IHC-F | **Immunohistochemistry (frozen)**

 | FC | **Flow cytometry** Not tested

 | IP | **Immunoprecipitation** Not Tested