CIC bioGUNE

MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

cnio stop cancer

IL4I1 | Validation File

TARGET L-amino-acid oxidase/Interleukin-4-induced protein 1
CLONE NAME BALI265E
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

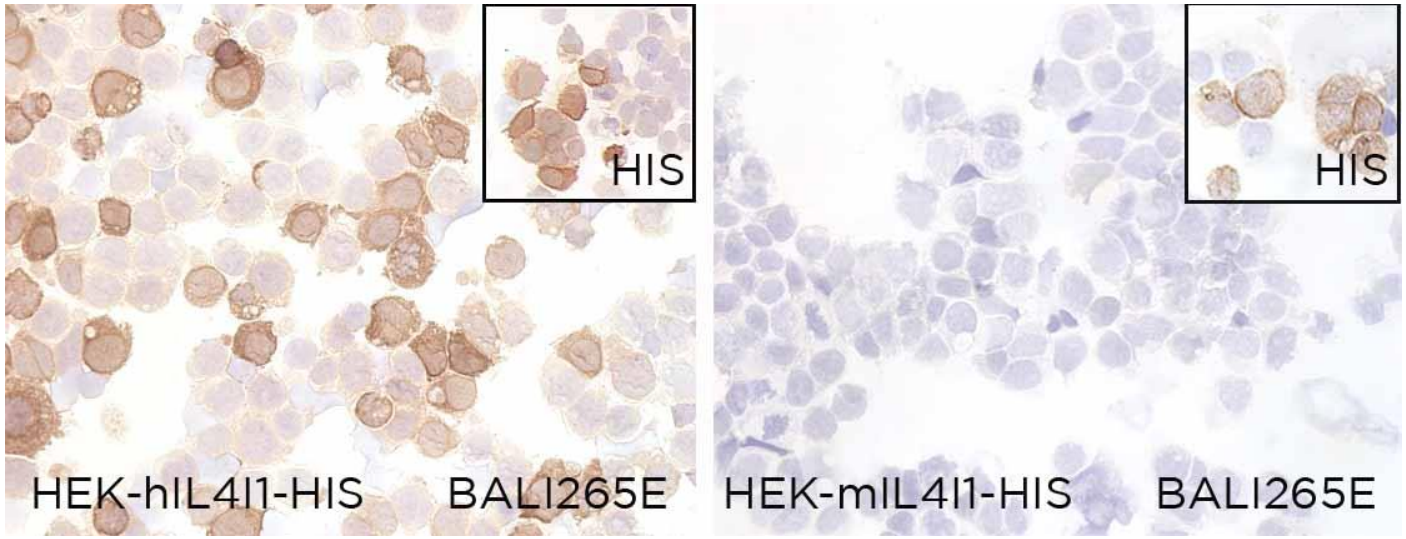
APPLICATIONS

| ICC | ***Immunocytochemistry***

BALI265E is able to detect human IL4I1 protein in immunocytochemistry

DILUTION Neat supernatant

To confirm that BALI265E mAb recognizes human IL4I1 protein but not mIL4I1, immunocytochemistry on frozen cytospin preparations of hIL4I1 and mIL4I1 HIS tagged was done. Anti-HIS was used as positive control.



WB | ***Western Blotting***

BALI265E is able to detect human IL4I1 protein by WB.

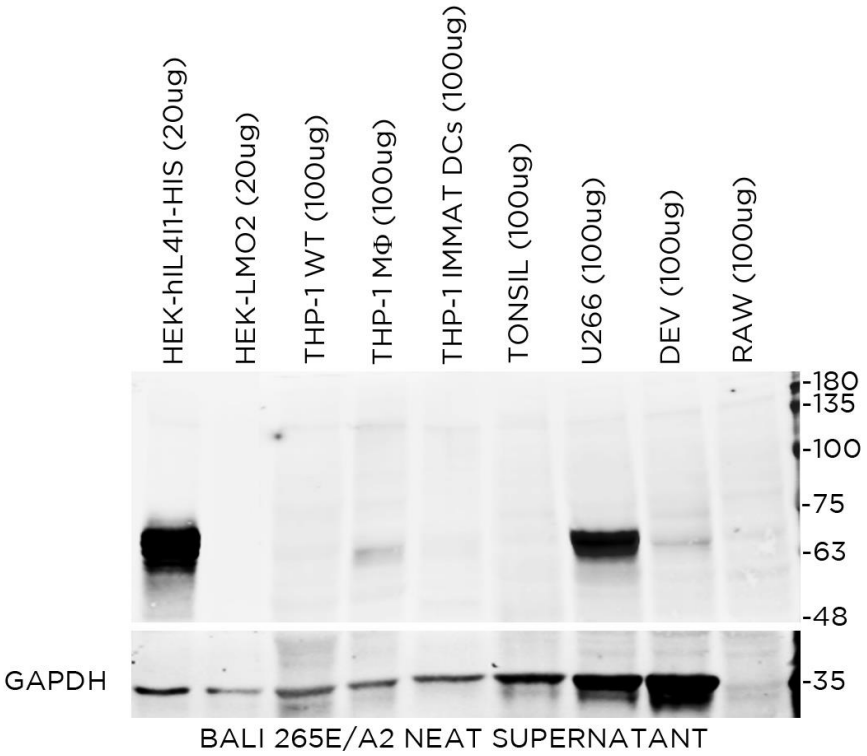
DILUTION Neat supernatant

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

LANES

Lane 1 HEK-IL4I1-HIS	(20ug)
Lane 2 HEK-LMO2	(20ug)
Lane 3 THP1 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)

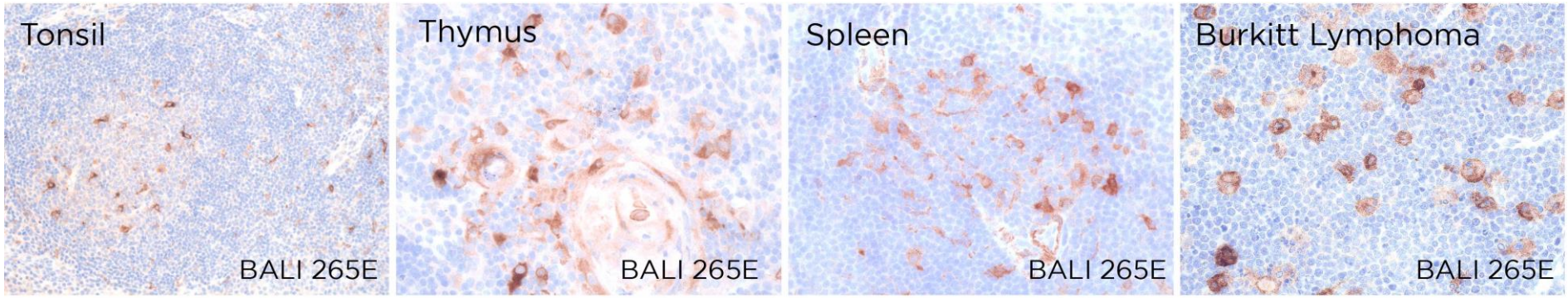
Anti-GAPDH was used as loading control



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

BALI265E 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)*** Inconclusive. Further validation experiments have to be done to confirm antibody specificity in this application.

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

| FC | ***Flow cytometry*** Not tested

| IP | ***Immunoprecipitation*** Not Tested