

## mCD8A (Mouse specific) | **Validation File**

**TARGET** mouse CD8A (T-cell surface glycoprotein CD8 alpha chain)

**CLONE NAME** OTO94A

**DESCRIPTION** Rat monoclonal

**ANTIGEN USED** RBL1-mCD8A-MYC-DDK transfected cells

**ISOTYPE** IgG2c

**SPECIES REACTIVITY** mouse

**LOCALIZATION** membrane

**POSITIVE CONTROL** mouse lymph node

**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

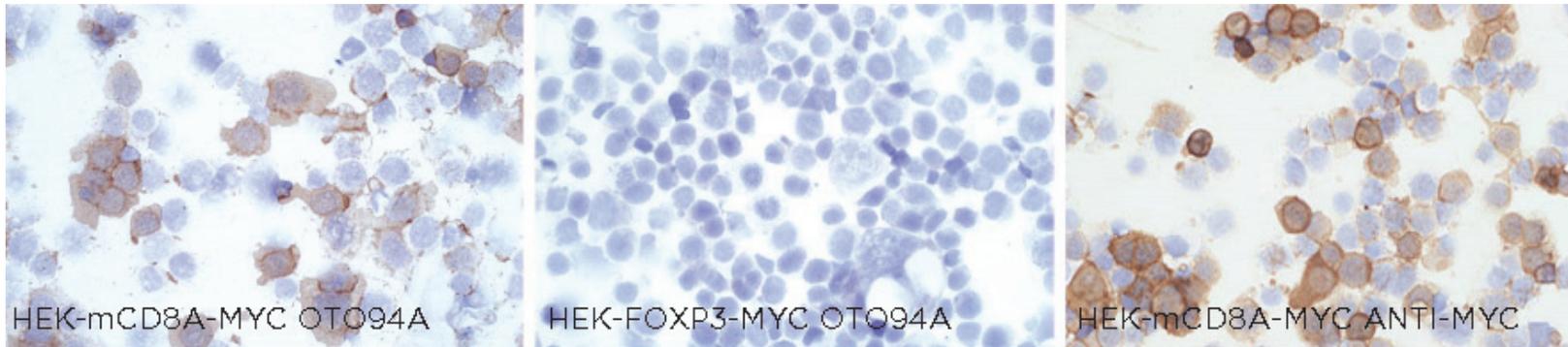
 Not Tested

## APPLICATIONS

### ● | ICC | *Immunocytochemistry*

OTO94A mAb is able to detect mouse CD8A protein in immunocytochemistry.

To confirm that OTO94A mAb recognizes mouse CD8A protein, immunocytochemistry on frozen cytopins preparations of mouse CD8A expressed in HEK293T was performed. Labeling with the anti-MYC mAb confirmed the efficiency of transfection. Cytopsin preparation of MYC-tagged human FOXP3 protein was used as a negative control.



● | WB | **Western Blotting**

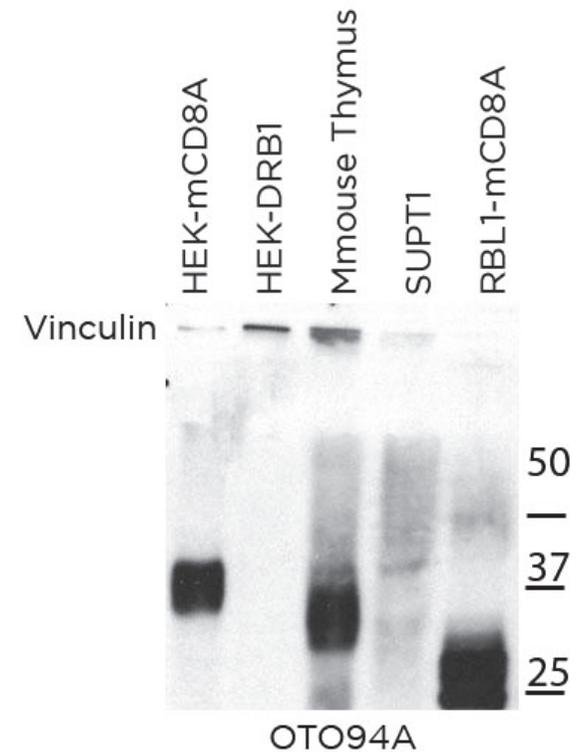
OTO94A mAb is able to detect mCD8A protein by WB.

**DILUTION** undiluted supernatant

Predicted molecular weight: **27kDa**  
Observed molecular weight: **27-30kDa**

**LANES**

Lane 1 HEK-mCD8A-MYC-DDK transfected cells	(15ug) (+)
Lane 2 HEK-DRB1	(15ug) (-)
Lane 3 Mouse thymus	(100ug) (+)
Lane 4 SUP-T1 human cell line	(100ug) (-)
Lane 5 RBL1-mCD8A fragment transfected cells	(15ug) (+)



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

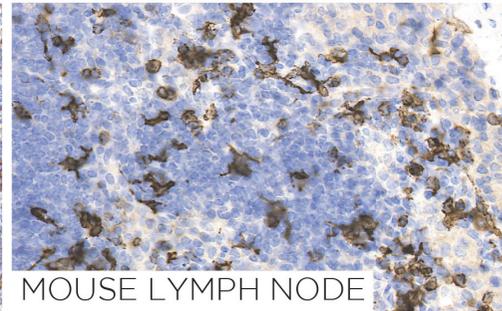
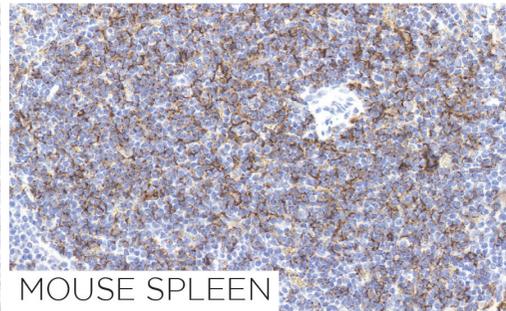
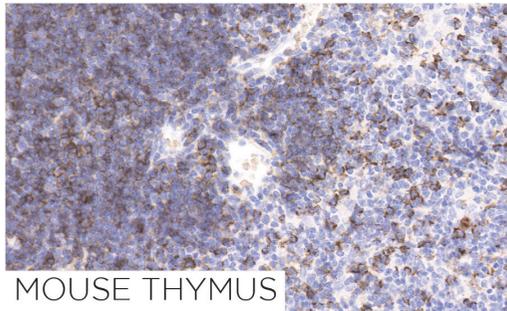
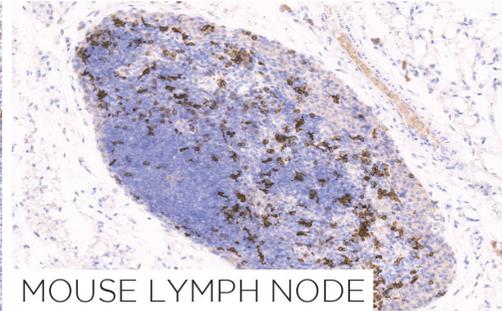
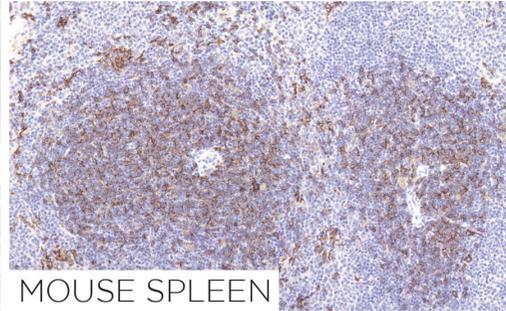
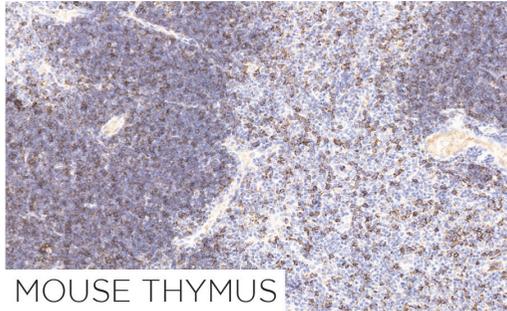
OTO94A antibody can be used to detect mCD8A protein in mouse paraffin embedded tissue samples.

**TISSUE SAMPLE** Mouse thymus, spleen, lymph node

**DILUTION** 1:200 supernatant or 1:4000 purified antibody

**ANTIGEN RETRIEVAL** pH High

**DETECTION SYSTEM** Anti-Rat Vector+OmniMap anti-Rabbit (Ventana System)



● | IF | **Immunofluorescence (paraffin)** Not tested

● | IP | **Immunoprecipitation (paraffin)** Not tested

● | FC | **Flow cytometry (paraffin)** Not tested

● | IHC-F | **Immunohistochemistry (frozen)** Not tested