LILRB3-CD85A | ***Validation File***

TARGET CD85A
CLONE NAME FRAS92B
DESCRIPTION rat monoclonal
ANTIGEN USED human HIS-GST-CD85A fragment (463-631aa)
ISOTYPE IgG1
SPECIES REACTIVITY human
LOCALIZATION membrane
POSITIVE CONTROL 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

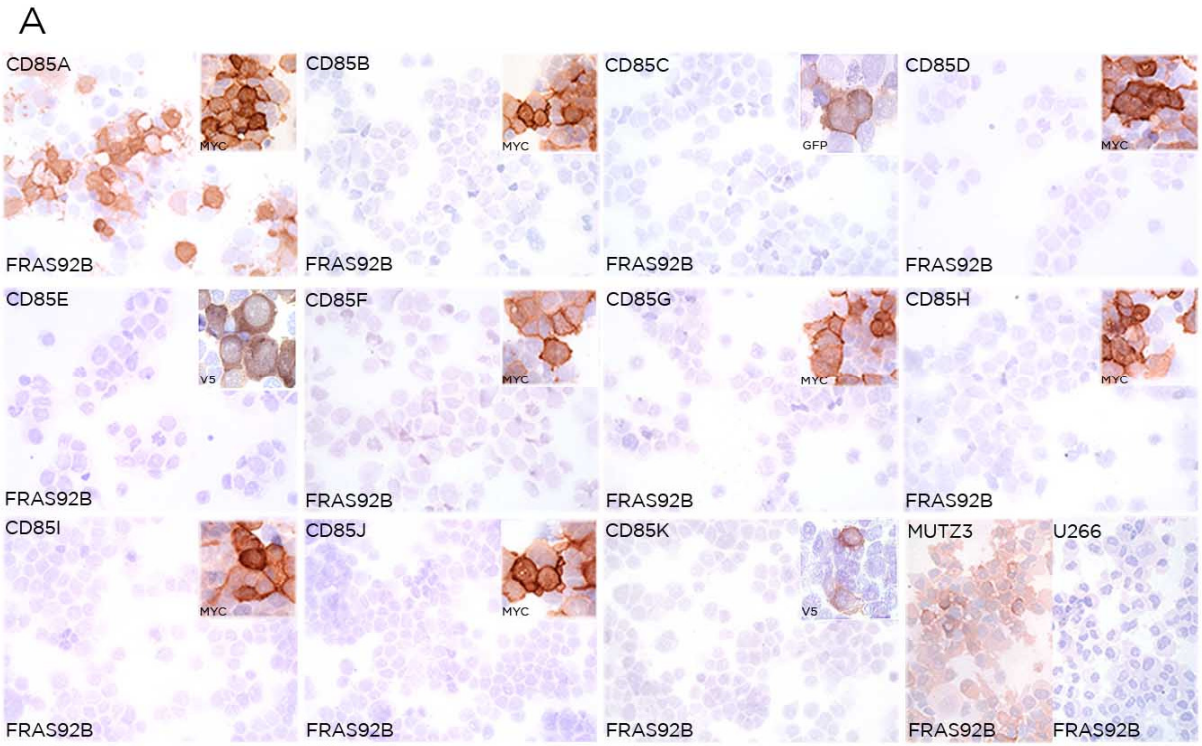
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

| ICC | ***Immunocytochemistry***

FRAS92B mAb is able to detect human CD85A protein in immunocytochemistry.

To confirm that FRAS92B mAb recognized human CD85A protein and do not cross react with the CD85 family members, immunocytochemistry on frozen cytospin preparations of human CD85A, B, C, D, E, F, G, H, I and J expressed in HEK293 was performed. Anti MYC, GFP and V5 antibodies were used as positive controls. Also CD85A endogenous expression was found in MUTZ3 cell lines by immunocytochemistry while U266 cell lines was negative.



| ICC | ***Western Blotting***

FRAS92B mAb is able to detect human CD85A protein in western blotting.

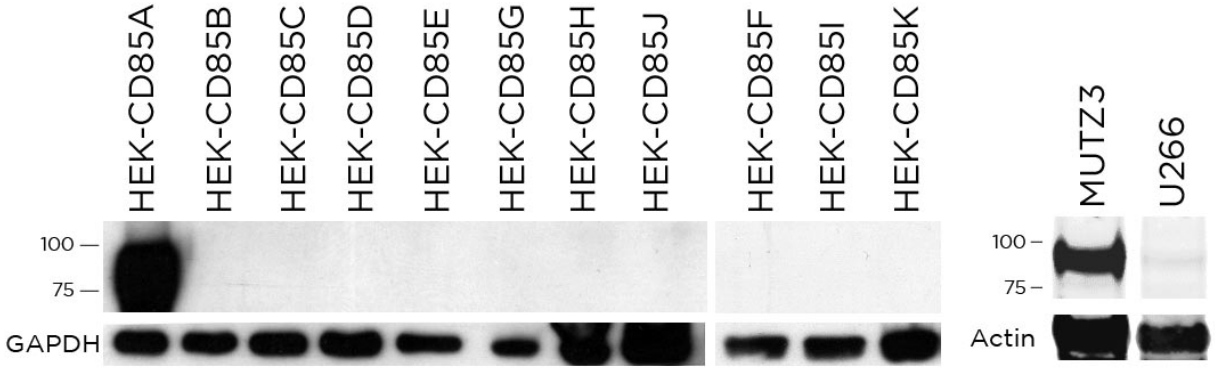
DILUTION neat supernatant

Predicted molecular weight: ***100kDa***
Observed molecular weight: ***100kDa***

LANES

Lane 1 Hek-CD85A	(20ug) (+)
Lane 2 Hek-CD85B	(20ug) (-)
Lane 3 Hek-CD85C	(20ug) (-)
Lane 4 Hek-CD85D	(20ug) (-)
Lane 5 Hek-CD85E	(20ug) (-)
Lane 6 Hek-CD85G	(20ug) (-)
Lane 7 Hek-CD85H	(20ug) (-)
Lane 8 Hek-CD85J	(20ug) (-)
Lane 9 Hek-CD85F	(20ug) (-)
Lane 10 Hek-CD85I	(20ug) (-)
Lane 11 Hek-CD85K	(20ug) (-)
Lane 12 MUTZ3 cell line	(20ug) (+)
Lane 13 U266 cell line	(20ug) (-)

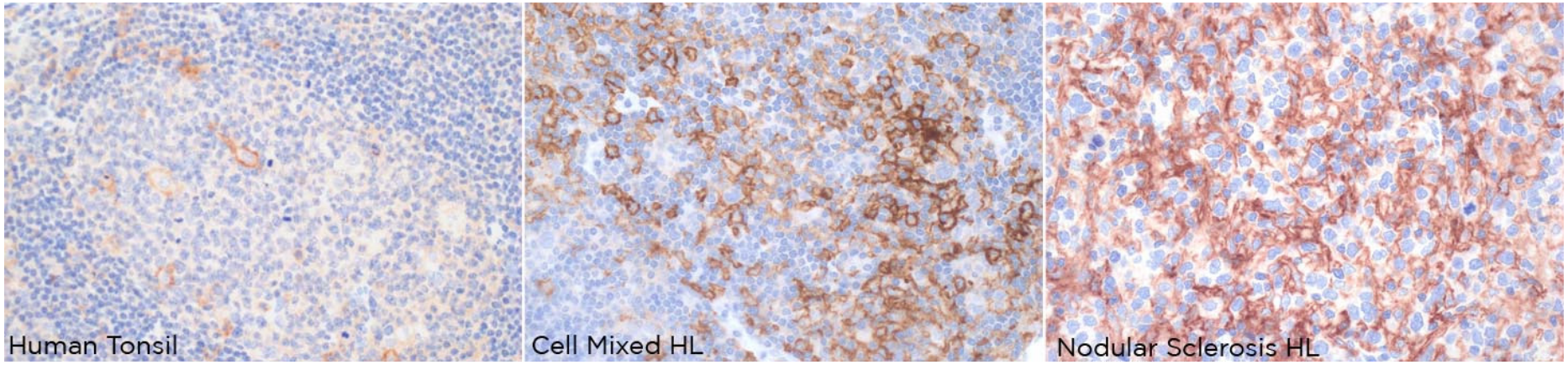
GAPDH and Actin were used as loading control



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

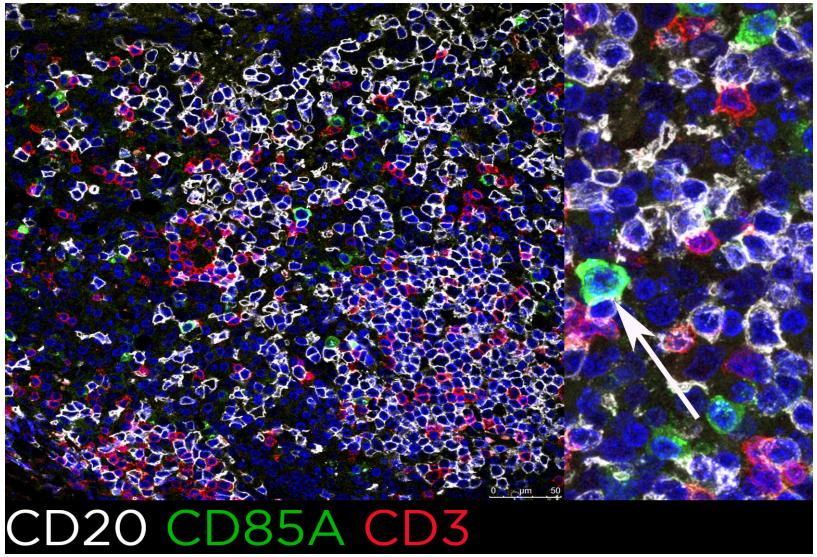
FRAS92B antibody can be used to detect CD85A protein in human paraffin tissues.

TISSUE SAMPLE Human tonsil, Cell Mixed HL and Nodular Sclerosis HL.
DILUTION 1:3 (supernatant)
1:500 purified antibody
ANTIGEN RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)



| IF | ***Immunofluorescence (paraffin)***

TISSUE SAMPLE Human tonsil
DILUTION CD20 prediluted mAb DAKO (Flex)
CD3 prediluted mAb DAKO (Flex)
CD85A 1:200 purified antibody
ANTIGEN RETRIEVAL 20 minutes ER2 (Tris-EDTA)



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

| IP | ***Immunoprecipitation*** Not tested

| FC | ***Flow Cytometry*** Not tested

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