

IgG (Fc specific) | Validation File

TARGET Fc region of human IgG1

CLONE NAME ARI358D

DESCRIPTION rat monoclonal

ANTIGEN USED ecFGFR1-Fc (recombinant protein) (See additional Information)

ISOTYPE IgG1

SPECIES REACTIVITY human

LOCALIZATION membrane

POSITIVE CONTROL tonsil

STORAGE BUFFER 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

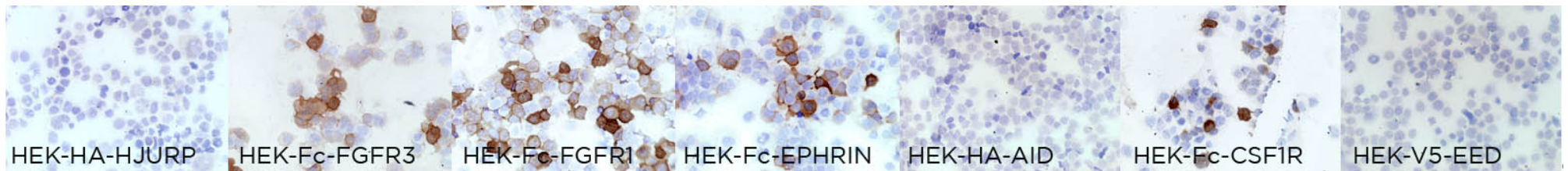
APPLICATIONS

● | ICC | Immunocytochemistry

ARI358D mAb is able to detect Fc protein in immunocytochemistry

DILUTION 1:20 purified antibody

To confirm that ARI358D mAb recognizes human Fc protein, immunocytochemistry on frozen cytospin preparations of Fc-tagged human proteins expressed in HEK293T was performed. Cytospin preparations of HA- and V5-tagged proteins were used as a negative control.



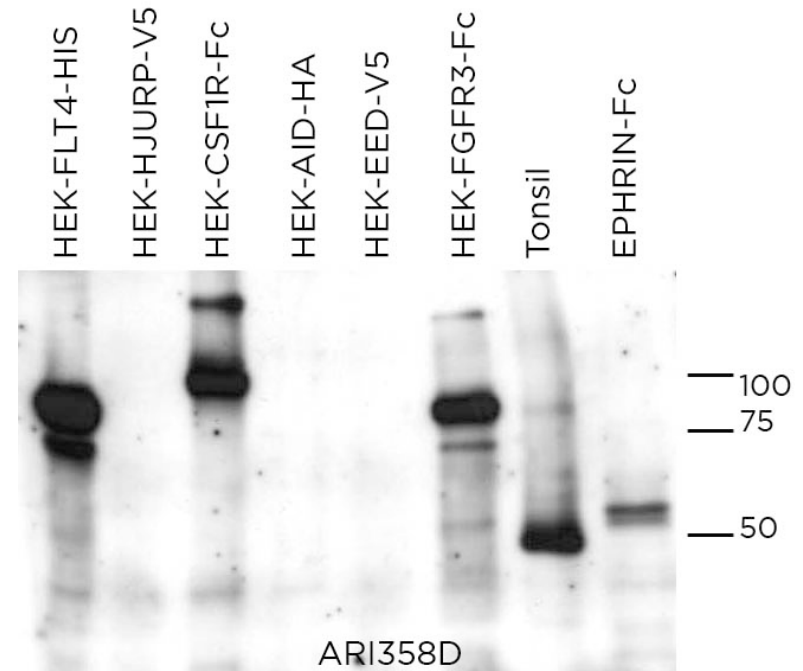
● | WB | **Western Blotting**

ARI358D m Ab is able to detect Fc fragment by WB.

DILUTION no dilution (neat supernatant) and 1:200 purified antibody.

LANES

Lane 1	Hek-Fc-FLT4	(30ug)	(+)	115kDa
Lane 2	Hek-V5-HJURP	(30ug)	(-)	118kDa
Lane 3	Hek-Fc-CSF1R	(30ug)	(+)	135kDa
Lane 4	Hek-HA-AID	(30ug)	(-)	24kDa
Lane 5	Hek-V5-EED	(30ug)	(-)	50kDa
Lane 6	Hek-Fc-FGFR3	(30ug)	(+)	119kDa
Lane 7	Human tonsil	(100ug)	(+)	50kDa
Lane 8	Hek-Fc-Ephrin	(30ug)	(+)	65kDa



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

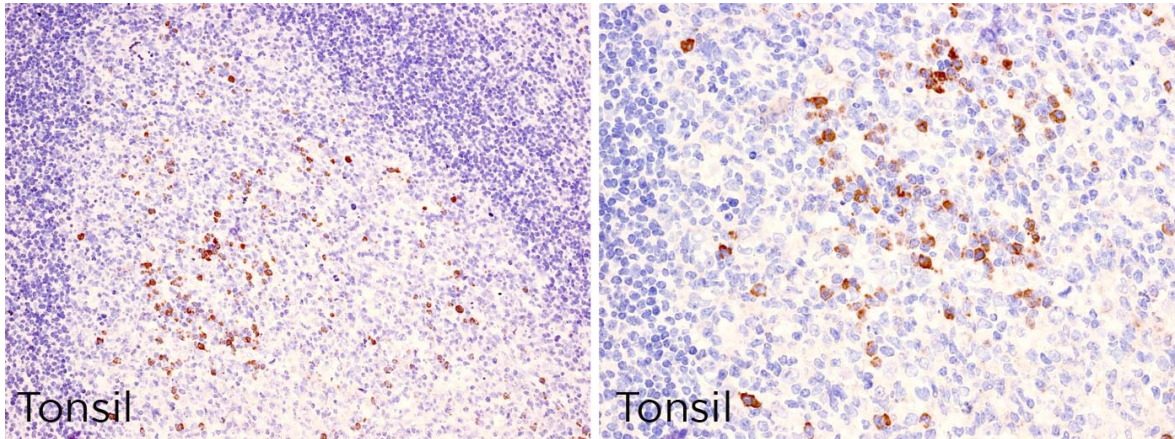
ARI358D m Ab can be used to detect Fc fragment in human paraffin tissues

TISSUE SAMPLE Human tonsil

DILUTION 1:40 purified antibody (1mg/ml)

ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)

DETECTION SYSTEM Novolink kit (BondMax Leica)



● | IP | **Immunoprecipitation** Not Recommended

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

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

● | FC | **Flow Cytometry** Not done

Additional Information:

Fc sequence used for the immunization

pkscdkthtccppcpapellggpsvflfppkpkdtlmisrtpvctvvvdvshedpevkfnwyvdgvevhnaktkpreeqnystyrvsvltvlhqdwlngkeykckvsnkalpapiektiskakgqprep
qvytlppsreemtknqvsltclvkgfypsdiavewesngqpennykttppvltdsdgsfflyskltvdksrwqqgnvfscsvmhealhnhytqkslslspgk