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

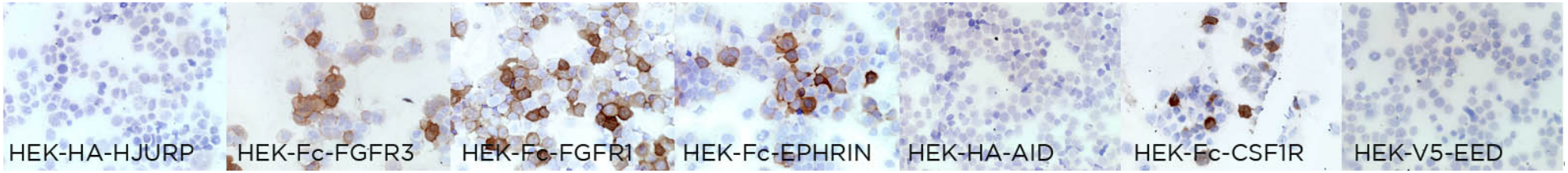
APPLICATIONS

| ICC | **Immunocytochemistry**

ARI358D mAb is able to detect Fc protein in immunocytochemistry

DILUTION 1:20 purified antibody

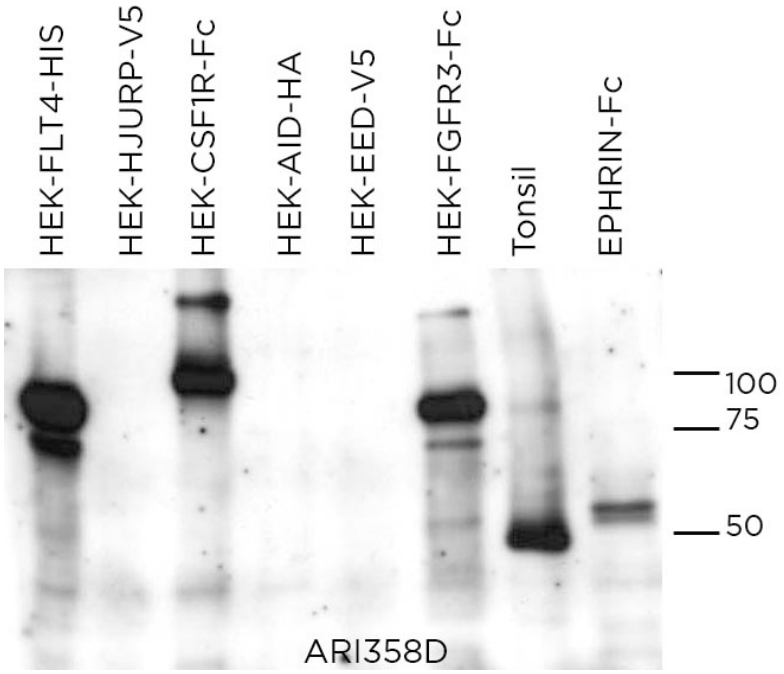
To confirm that ARI358D mAb recognizes human Fc protein, immunocytochemistry on frozen cytospin preparations of Fc-tagged human proteins expressed in HEK293T was performed. Cytospin preparations of HA- and V5-tagged proteins were used as a negative control.



| WB | **Western Blotting**

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

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



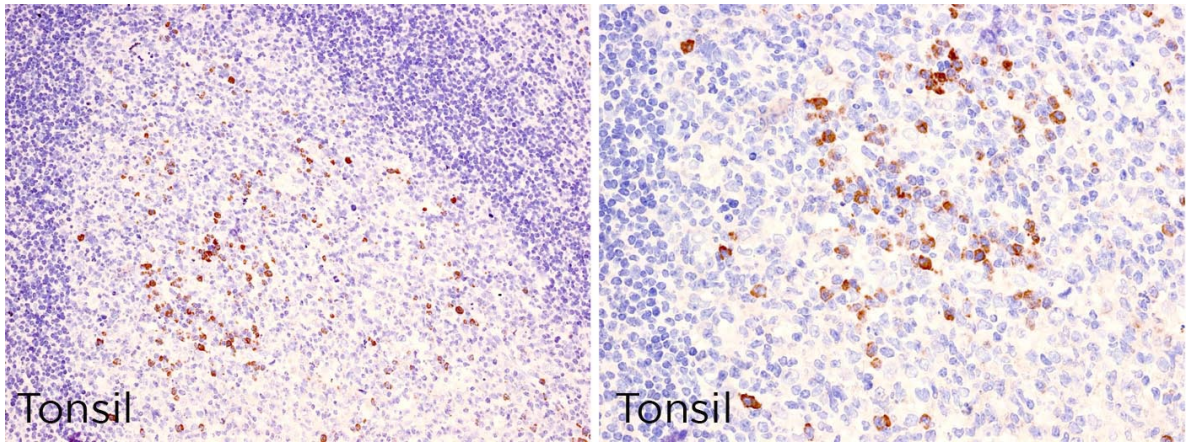
LANES

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

pkscdkthtcppcpapellggpsvflfppkpkdtlmisrtpevtcvvvdvshedpevkfnwyvdgvevhnaktkpreeqynstyrvvsvltvlhqdwlngkeykckvsnkalpapiektiskakgqprep
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