

Anti-Human MMP13 Antibody (40E09#)

Summary

Catalog No. RHE45101

Clone ID 40E09#

Host species Mouse

Species reactivity Human

Form Liquid

Storage buffer 0.01M PBS, pH 7.4.

Concentration 1 mg/ml

Purity >95% as determined by SDS-PAGE.

Clonality Monoclonal

Isotype VHH-mFc (IgG2a)

Applications ELISA, FCM

Target MMP-13, MMP13, Matrix metalloproteinase-13, Collagenase 3

Purification Protein A/G purified from cell culture supernatant.

Endotoxin level Please contact with the lab for this information.

Accession P45452

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Stability and Storage Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -

80°C long term.

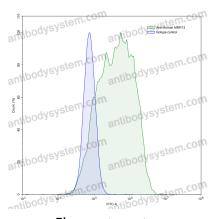
Note For research use only.



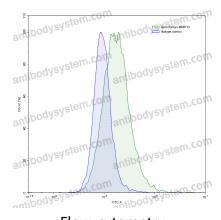
Data Image

Anti-Human MMP13 antibody (40E09#) binds with Human MMP13 EC50 31.03 2,5 2,0 0,5 0,0 1 2 3 4 5 Log (ng/ml) Bioactivity

Detects Human MMP13 in indirect ELISAs.



Flow-cytometry



Flow-cytometry

Flow-cytometry using anti-human MMP13 antibody.MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human MMP13 antibody monoclonal antibody (Catalog # RHE45101 ,Green Histogram) at a concentration of 5 μ g/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Catalog # PMB96441) and cells analysed on a NovoCyte Flow Cytometer.

Flow-cytometry using anti-human MMP13 antibody. HeLa cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human MMP13 antibody monoclonal antibody (Catalog # RHE45101, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Catalog # PMB96441) and cells analysed on a NovoCyte Flow Cytometer.