

MMP13 recombinant antibody

Anti-Human MMP13 Antibody (40E09#)

CATALOG # AAA120400	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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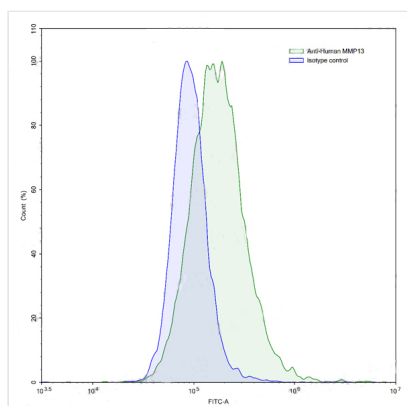
PRODUCT SYNONYMS

MMP13; Monoclonal Recombinant Antibody; Anti-Human MMP13 Antibody (40E09#); MMP-13; Matrix metalloproteinase-13; Collagenase 3; MMP13 recombinant antibody

PRODUCT SPECIFICATIONS

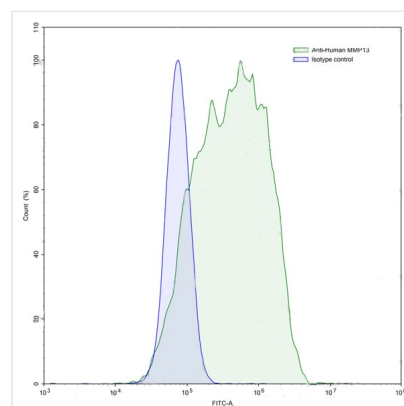
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	VHH-mFc (IgG2a)
Clone Number	40E09#
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for MMP13 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



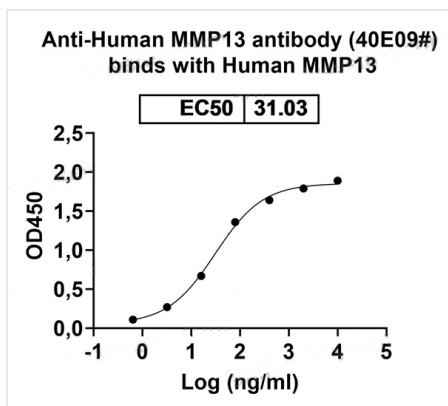
FCM/FACS (Flow Cytometry)

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.



FCM/FACS (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 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.



Bioactivity

Detects Human MMP13 in indirect ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for MMP13
recombinant antibody

[Recombinant Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505209
NCBI GeneID	4322
NCBI Accession #	NP_002418.1
NCBI GenBank Nucleotide #	NM_002427.3
UniProt Accession #	P45452
Molecular Weight	53,820 Da
NCBI Official Full Name	collagenase 3 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 13 (collagenase 3)
NCBI Official Symbol	MMP13
NCBI Official Synonym Symbols	CLG3; MANDP1
NCBI Protein Information	collagenase 3; MMP-13; matrix metalloproteinase 13 (collagenase 3)
UniProt Protein Name	Collagenase 3
UniProt Gene Name	MMP13
UniProt Synonym Gene Names	MMP-13
UniProt Entry Name	MMP13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mmp13-recombinant-antibody-clone-40e09-flow-cytometry-elisa/120400>