

Product Datasheet

alfa Human Monoclonal Antibody (orb2978107)

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|-----------------------------|--|
| Catalog Number | orb2978107 |
| Category | Antibodies |
| Description | Simlukafusp alfais a research-grade recombinant antibody targeting Surface-expressed protease. Produced in mammalian cells with native-like glycosylation. Highlights Research Grade: For PK/PD studies, assay development, and ADA research. Native Glycosylation: Mammalian expression ensures native-like patterns. |
| Clonality | Monoclonal |
| Species/Host | Human |
| Isotype | IgG1-kappa |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Form/Appearance | Liquid |
| Concentration | Lot dependent |
| Buffer/Preservatives | 0.01M PBS, pH 7.4. |
| Purity | >95% purity as determined by SDS-PAGE. |
| Purification | Protein A/G purified from cell culture supernatant. |
| UniProt ID | Q12884 |
| Tested applications | ELISA, FA, FACS, In vivo |
| Antibody Type | Biosimilar Antibody |

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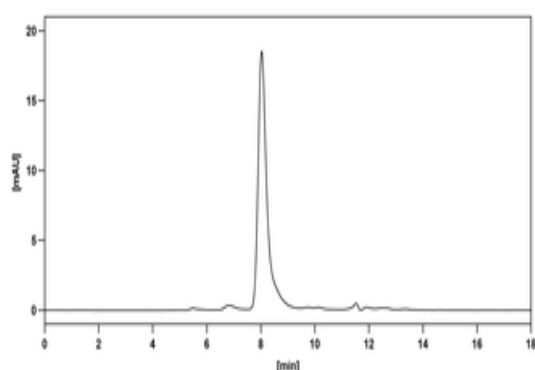
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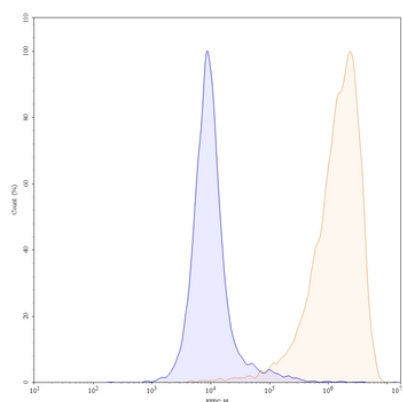
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| | |
|--------------------------|---|
| Expression System | Mammalian Cells |
| Endotoxins | Please contact with the lab for this information. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |



Detects FAP/FAPalpha in indirect ELISAs.



Flow-cytometry using anti-human FAP antibody. Untransfected cells (blue Histogram) and Transfected cells (Yellow Histogram) were stained with an anti-human FAP monoclonal antibody (Catalog: orb2978107) at a concentration of 5 µg/mL for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.

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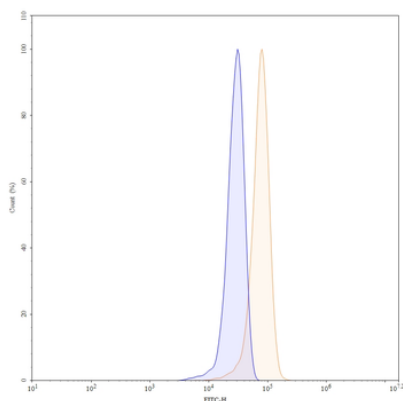
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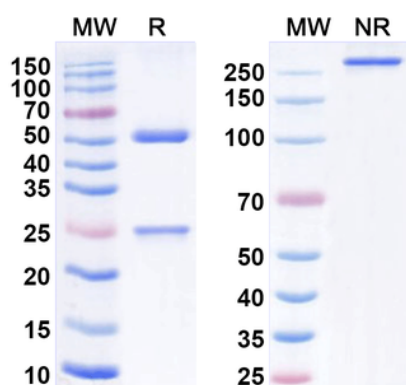
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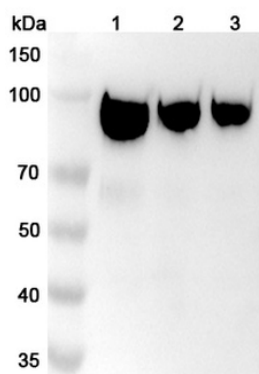
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Flow-cytometry using FITC anti-human FAP&IL2V antibody. U87 cells were fixed and permeabilized, then stained with an irrelevant antibody (Blue Histogram) or an FITC anti-human FAP&IL2V monoclonal antibody (Catalog: orb2978107, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.



SDS-PAGE for Research Grade Simlukafusp alfa.



Western blot analysis was performed using anti-FAP monoclonal antibody at 1 µg/mL on various samples. Lane 1: recombinant human FAP (Catalog No: orb2966744), 50 ng, Lane 2: recombinant human FAP (Catalog No: orb2966744), 30 ng, Lane 3: recombinant human FAP (Catalog No: orb2966744), 20 ng.

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