

FAP

Research Grade Simlukafusp alfa

Catalog No.	DHG32202A	Quantity:	100 µg
	DHG32202B		1.0 mg

Description: Research Grade Simlukafusp alfa is a human monoclonal antibody directed against human Prolyl endopeptidase FAP, linked to an engineered, variant form of interleukin-2 (IL-2v), with potential immunostimulating and antineoplastic activities. Upon administration of simlukafusp alfa, the monoclonal antibody moiety recognizes and binds to FAP, thereby concentrating IL-2 in FAP-expressing tumor tissue. Subsequently, the IL-2 moiety of this fusion protein may stimulate a local immune response and activate natural killer (NK) cells and cytotoxic T cells. Fibroblast activation protein-alpha (FAP) is a cell surface protein that is expressed on a wide variety of cancer cells.

UniProt ID (target): Q12884 (+ P60568)

Target: Human Prolyl endopeptidase FAP (+ Interleukin-2)

Concentration: 1.0 mg/ml, lot specific

Source: XtenCHO

Isotype: Human IgG1 kappa

Formulation: 0.01M PBS buffer, pH 7.4

Purity: > 95% by SDS-PAGE

Endotoxin Level: ≤ 0.01 EU/µg by LAL analysis

Purification: Protein A/G affinity chromatography

INN: Simlukafusp alfa

Applications: Functional studies

Storage & Stability: Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. **Avoid freeze/thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.