Natural Human IgG4 protein ab90286

Overview

Product name: Natural Human IgG4 protein
Protein length: Full length protein

Description

Nature: Native
Source: Native
Amino Acid Sequence: Human
Species: Human

Specifications

Our Abpromise guarantee covers the use of ab90286 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity: Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 and 2 by FDA approved tests.

Applications: SDS-PAGE
Purity: > 95% SDS-PAGE.

Form: Liquid
Additional notes: IgG4 from human myeloma plasma. MW: 146,000.
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm =1.36.
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Preparation and Storage

Stability and Storage: Shipped on Dry Ice. Store at -20°C. Avoid freeze / thaw cycle.
pH: 7.40
Preservative: 0.05% Sodium azide
Constituents: 0.0536% PBS, 0.87% Sodium chloride
IgG4 antibodies will dominate the IgG response in schistosomiasis, lymphatic filariasis, and in patients after allergen immunotherapy. Unlike the other IgG subclasses, IgG4 does not activate complement. A combined IgA-IgG4 deficiency has been associated with recurrent pyogenic infections.

Cellular localization
Secreted

SDS-PAGE analysis of human IgG4 full length protein (ab90286).
1. IgG4 - 5 μg (reduced / heated)
2. IgG4 - 10 μg (reduced / heated)
3. IgG4 - 20 μg (reduced / heated)
4. IgG4 - 5 μg (non-reduced / no heat)
5. IgG4 - 10 μg (non-reduced / no heat)
6. IgG4 - 20 μg (non-reduced / no heat)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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