

mIgG, 98-330aa, mouse, Baculovirus

Cat.NO.: TP02977

3th Edition

Synonyms:Immunoglobulin heavy chain constant region gamma 2a.

Description:Immunoglobulin G (IgG) are antibody molecules. Each IgG is composed of four peptide chains (two heavy chains and two light chains). Each IgG has two antigen binding sites. IgG antibodies are involved in predominantly the secondary immune response. The presence of specific IgG, in general, corresponds to maturation of the antibody response.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0)

Molecular Weight:26.6kDa (236aa)

Sequences:

ADPEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWVFNVEVHTAQT
QTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQVTL
TCMVTDMPEDIYVEWTNNGKTELNYKNTEPVLDSGYSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTK
SFSRTPGK

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.