

Life Diagnostics, Inc.

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

Anti-Dog IgE Monoclonal Clone 4D1-16

Catalog No.	IGE-4-4D1
Description	Anti-Dog IgE (Mouse IgG2a) Purified by hydroxyapatite chromatography from serum-free culture media
Purity	>95% by SDS PAGE
Protein	Varies with lot. 1 to 5 mg/ml (E1% at 280 nm = 14.0)
Applications	ELISA: use as capture antibody paired with IGE-4-13H5 for detection SPARCL: use as acridan conjugate with HRP conjugated IGE-4-13H5
Buffer	10 mM Sodium Phosphate, 150 mM NaCl, pH 7.2, 0.09% NaN ₃
Storage	2-8°C (up to 1 month) ≤ 70°C (longer than 1 month)
Immunogen	Dog IgE

Comments: This antibody recognizes dog IgE. It does not recognize other dog immunoglobulins or serum proteins. No cross-reactivity was found with IgE from cat, cow, horse, monkey or pig (other species not yet tested) when paired with IGE-4-13H5.

P.O. Box 5205 • West Chester, PA 19380 • USA