

MONOCLONAL ANTIBODY TO HUMAN IL-6

Abbreviation	IL-6
Specificity	Detects human Interleukin 6 (IL-6)
Accession Number	P05231
Host Species	Mouse

MATCHED PAIRS

MAB342P and MAB343P demonstrate sensitive detection of human IL-6 as matched pairs in both capture/detector orientations

Application	ELISA, Lateral Flow, CLIA
Target Marker	<p>Interleukin-6 (IL-6) is a crucial cytokine involved in immune regulation, inflammation, and disease progression. Concentrations of IL-6 are elevated in patients with infection, sepsis, and septicemia.</p> <p>IL-6 has a wide range of uses across a number of diseases and can be used to diagnose sepsis in adults and neonates, monitor infection after surgery, and is positively correlated with the severity of COVID-19.</p>

WHY CHOOSE BBI'S IL-6 ANTIBODIES?

BBI's IL-6 antibodies outperform alternatives and offer superior sensitivity and proven performance in ELISA and Lateral Flow for IVD manufacturers and researchers

- + High purity (>95%) and excellent sensitivity
- + Save time and optimise your workflow with our recommended matched pair
- + Be confident in your results when you choose BBI's antibodies for your next assay – Our IL-6 antibodies have been tested in sandwich ELISA, and Lateral Flow for sensitive picogram level detection of human IL-6
- + Our antibodies are produced in-house under ISO 13485:2016 manufacturing standards to ensure quality
- + Ideal for research and diagnostics in inflammatory and autoimmune diseases

Order your evaluation sample today www.bbisolutions.com

CHARACTERISATION

SANDWICH ELISA

Superior sensitivity in ELISA applications

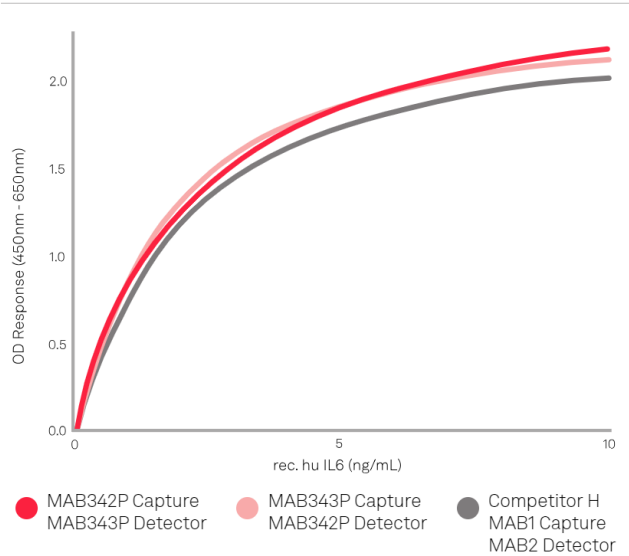
Our IL-6 antibodies were tested in sandwich ELISA with MAB342P and MAB343P in both capture/detector orientations

Both pair configurations demonstrated excellent sensitive detection of human IL-6, exceeding a commercial alternative's matched pair offering on sensitivity

CROSS REACTIVITY

No cross-reactivity was detected to IL-1 alpha, IL-1 beta, IL-8 and IL-10

Sandwich ELISA - Human IL-6 Detection - Standard Curves



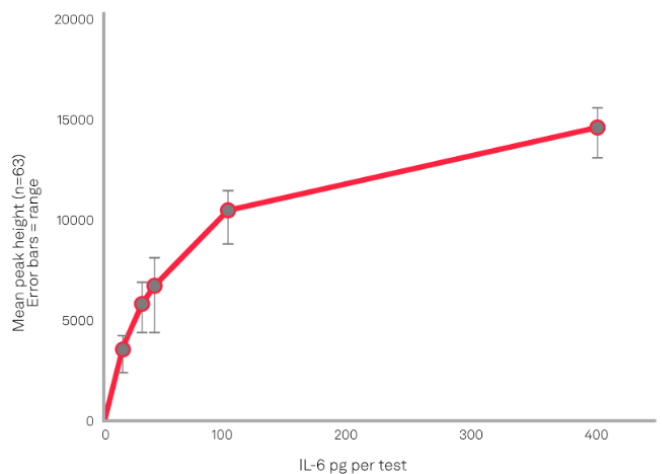
LATERAL FLOW

Robust and accurate performance, down to the picogram

BBI's IL-6 offers excellent performance for IVD manufacturers and researchers in lateral flow

With data demonstrating measurement down to the low picogram level with incredible consistency proven across 63 replicate tests

IL-6 Lateral flow - multi-day robustness study



Pack sizes

1mg, 5mg, 10mg, bulk amounts available on request.

ORDERING DETAILS - USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description
Monoclonal Antibody to Human IL-6	MAB342P	Can be used as capture or detection antibody paired with MAB343P for the recognition of human IL-6
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Order a sample today sales@bbisolutions.com