



DataSheet

CATALOGUE #: 4PC47

PRODUCT NAME: Monoclonal mouse anti-human procalcitonin (PCT)

MAbs: 6F10, 27A3, 38F11, 44D9, 42, 14C12, 22A11, 18B7
Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with fragments of human PCT conjugated with carrier protein.

Specificity: Human PCT

MAb isotypes: **IgG1** for MAbs 6F10, 38F11, 14C12, 22A11, 18B7
IgG2a for MAbs 27A3, 44D9 and 42

Applications: Detection of human PCT in ELISA and Western blotting.
Recommended pairs for sandwich immunoassay (capture-detection):
16B5 – 42, 27A3 – 14A2, 14C12 – 14A2, 18B7 – 44D9, 38F11 – 22A11
(Note: MAbs 16B5 and 14A2 are under Cat.# 4C10)

Purification: Chromatography on protein A Sepharose

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Other information: Please see also antibodies specific to calcitonin under **Cat.# 4C10**

Material safety note: This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.
Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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