

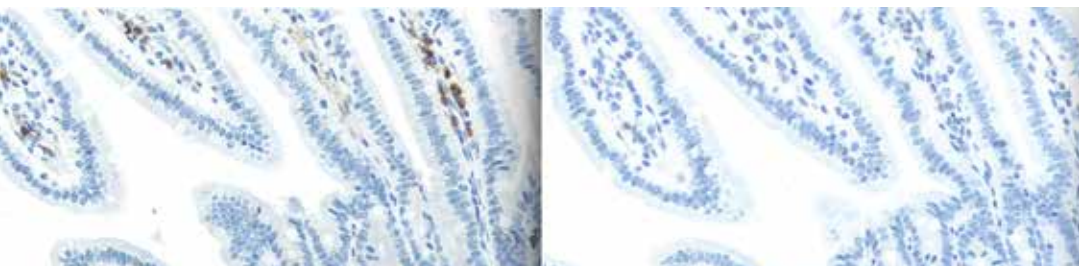
Vector® M.O.M.™ (Mouse on Mouse) Immunodetection Kits

CATALOG #
MP-2400

NOW

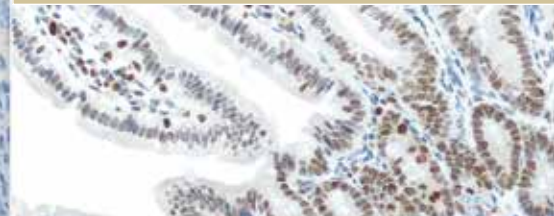
with

ImmPRESS™
Peroxidase Polymer



1. Without M.O.M.™

2. With M.O.M.™



3. With M.O.M.™ & Primary Antibody

For years, researchers attempting to localize mouse primary antibodies on mouse tissue have relied on the Vector® M.O.M.™ Kit to produce crisp, strong, specific staining of antibody targets. The specific detection of mouse primary antibodies on mouse tissue is difficult due to the presence of endogenous mouse immunoglobulins. A conventional anti-mouse detection system cannot distinguish between the mouse primary antibody and the endogenous mouse immunoglobulins leading to high background. The Vector® M.O.M.™ Kit, including a proprietary M.O.M.™ Mouse Ig Blocking Reagent and a paired, specialized secondary antibody detection system, essentially eliminates this problem by significantly reducing undesired binding of the secondary antibody to endogenous tissue immunoglobulin.

A Vector® M.O.M.™ Kit is now available containing our proprietary M.O.M.™ Mouse Ig Blocking Reagent paired with a specialized, highly sensitive, ready-to-use, one-step, non-biotin M.O.M.™ ImmPRESS™ peroxidase polymer reagent. Producing the same outstanding staining as the original M.O.M.™ Peroxidase Kit is now even easier using the M.O.M.™ ImmPRESS™ Peroxidase Polymer Kit.

The Vector® M.O.M.™ ImmPRESS™ Kit (Cat. No. MP-2400) contains sufficient reagents to stain approximately 150 mouse sections and includes the following reagents:

- 0.6ml M.O.M.™ Mouse Ig Blocking Reagent (concentrate)
- 30 ml R.T.U. 2.5% Normal Horse Serum
- 15 ml R.T.U. M.O.M.™ ImmPRESS™ Anti-Mouse Ig Reagent

Advantages

Significant reduction of endogenous mouse Ig staining when using mouse primary antibodies on mouse tissue

Clear, crisp specific staining of antigens of interest

Simple, easy procedure

No tedious calculations required

Non-biotin

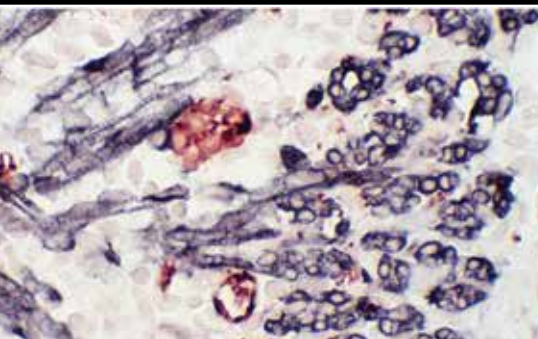
FIGURE LEGEND

- 1 Without MOM™: mouse intestine stained with standard anti-mouse Ig polymer system and Vector® DAB Substrate. Hematoxylin counterstain.
- 2 With MOM™: mouse intestine stained with Vector® MOM™ ImmPRESS™ Kit, Vector® DAB Substrate and no primary antibody. Hematoxylin counterstain.
- 3 With MOM™ and primary antibody mouse intestine stained with Ki67 mouse antibody, Vector® MOM™ ImmPRESS™ Kit and Vector® DAB Substrate. Hematoxylin counterstain.

Original Vector® M.O.M.™ (Mouse on Mouse) Immunodetection Kits

Peroxidase Kit

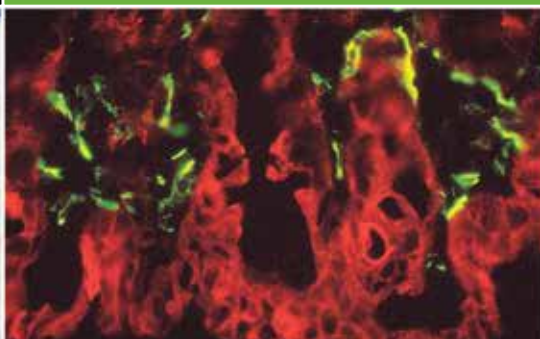
CATALOG #
PK-2200



- M.O.M.™ Mouse Ig Blocking Reagent
- M.O.M.™ Biotinylated Anti-Mouse Ig Reagent
- M.O.M.™ Protein Concentrate for general protein blocking and diluent
- VECTASTAIN® Elite® ABC Reagent

Fluorescein Kit

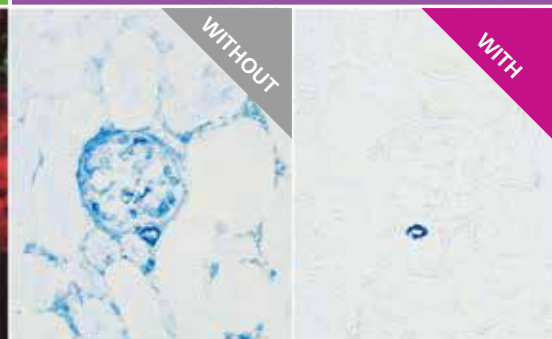
CATALOG #
FMK-2201



- M.O.M.™ Mouse Ig Blocking Reagent
- M.O.M.™ Biotinylated Anti-Mouse Ig Reagent
- M.O.M.™ Protein Concentrate for general protein blocking and diluent
- Fluorescein Avidin DCS (green fluorescence, excitation at 495nm; emission at 515 nm)

Basic Kit

CATALOG #
BMK-2202



- M.O.M.™ Mouse Ig Blocking Reagent
- M.O.M.™ Biotinylated Anti-Mouse Ig Reagent
- M.O.M.™ Protein Concentrate for general protein blocking

M.O.M.™ Mouse Ig Blocking Reagent

M.O.M.™ Mouse Ig Blocking Reagent (MKB-2213) is a key component of the M.O.M.™ Kits and is used to block endogenous mouse antibody in the tissue section. Optimal staining results are obtained when this reagent is paired with the special M.O.M.™ Biotinylated Anti-Mouse Ig Reagent. If a biotin-free detection system is preferred, the M.O.M.™ Blocking Reagent can be used with the M.O.M.™ ImmPRESS™ Anti-Mouse Ig Reagent (MPX-2402). This reagent is supplied as a 1 ml concentrate, sufficient to prepare about 25 ml of working solution or enough to stain about 250 sections.

CATALOG #
MKB-2213

M.O.M.™ Biotinylated Anti-Mouse Ig Reagent

M.O.M.™ Biotinylated Anti-Mouse Ig Reagent (MKB-2225) is a specially modified secondary antibody that has been optimized specifically for use with the Vector® M.O.M.™ Immunodetection Kit components. This is the same reagent contained in the Vector® M.O.M.™ Kits (Cat. Nos. PK-2200, FMK-2201, and BMK-2202).

CATALOG #
MKB-2225